MARITIME HERITAGE MINNESOTA

Ann Merriman Christopher Olson

Log Book 40 of the USS Essex

August 1, 1897 - January 31, 1898

The Day-to-Day Operations of Shipbuilder Donald

McKay's Last Ship



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USS Essex Log Book 40

Finding Aid

Adams class ship USS Essex (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS Essex could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS Essex log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the Essex as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the Essex that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and job), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the Essex in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the Essex, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The editing of this log book and the creation of the finding aid was made possible by a generous donation from MHM friend and supporter Dr. Natalie Rosen.

Log Book 40 of the USS Essex: August 1, 1897-January 31, 1898

The National Archives houses USS *Essex* Log Book 40. Throughout Log Book 40, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and vice-versa
- when under steam the different watches record the average steam boiler pressure and engine revolutions; sometimes specific boiler are mentioned by their letter designation
- lowering of smokestack and proceeded under sail and vice-versa when the Essex was underway
- when anchored nearly every watch described the state of the anchor cables: crossed ('cross in hawse, stbd chain on top' or 'Elbow in hawse') and often will mention 'clearing the hawse' (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- swinging the ship to test for compass deviation
- patent log readings
- water distillation using the ship's boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- discharging ashes onto a lighter
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording the ship's behavior (heavy rolling or pitching)
- testing flood cocks in magazine and gun rooms
- testing of all electrical apparatus
- o crew conducting ship maintenance: engine maintenance/repair, boiler maintenance/ repair, coal bunker maintenance/repair, general ship cleaning, bilge cleaning and checking pumps, scraping and painting - and sometimes tarring and caulking - the ship's hull and infrastructure, caulking the decks, iron work maintenance/repair, rigging repair/replacement, tarring down rigging, airing of rigging, repairing stays, repairing yards and booms, loosed sails to dry, repairing sails, replacing sails, scraping and slushing spars, scrubbing masts and yards, repairing masts, hawser (mooring lines) maintenance/repair/replacement, condenser bed timber repair/ replacement, engine bed timber repair/replacement, steam cutter maintenance/ repair, steam/sail launch maintenance/repair, gig maintenance/repair, dinghy maintenance/repair, whale boat maintenance/repair, turned and cleaned hammocks and bedding, painting hammock netting panels, scraping and blacking boat davits, repaired ground tackle, repaired sounding apparatus, scraping out smokepipe, inspected cotton primers, repairing binnacles, repairing waste pipes of magazine and shell room, repairing rail, repaired skylights, repaired awning stanchions, awning repair/replacement, repairing air ports, repairing gun ports, repairing water closets, gun carriage/battery maintenance/repair

- crew conducting drills: furling and unfurling sails, target practice with the main battery (great guns), target practice with the air gun, floating target practice, boat drills - all hands called to arms and away all boats for naval tactics under sail and oars, on shore target practice, general quarters drills, small arms drills, fire drills, single stick drills, revolver drills, torpedo drills, passing powder drills, fuze drills, abandon ship drills, man overboard drills, Gatling gun drills, howitzer drills, skirmishing, battalion drills, machine gun drills, pistol drills, rifle drills, bayonet drills, target practice with targeting hanging from a yardarm, Morse signal drills, landing party drills, navigation drills, man overboard drills, signaling with the flagship, Army and Navy signaling drills, watch signal drills, international signal drills, basic medical training (tourniquets, resuscitation), Marine Guard drill
- Marine Guard drills in the cutter
- cadet/apprentice drills: signaling drills, wig-wag signaling drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey's findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories of the different ship's departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)
- crew promotions
- crew quarters inspection
- liberty parties sent ashore
- o crew members are discharged at their own request (DOR)
- lists of new crew members recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships
- crew reporting the expiration of their contracted naval service
- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- rewards offered for the return of AWOL crewmen
- weekly Sunday services; after the services, once a month, the Articles for Better Government of the Navy were read to the crew

NOTE: The *Essex* deck officers who recorded the daily happenings on the ship often translated the names of non-American ships incorrectly. MHM determined the correct spellings of the ships and those corrections are reflected in the Finding Aid, not the poorly transliterated ship names.

At the beginning of Log Book 40, on August 1, 1897, the USS *Essex* was moored at the foot of Main Street at the New York Navy Yard. On August 1, the USS *Dolphin* arrived flying the Secretary of the Navy's flag and the next day, *Essex* shifted her berth to the Cob Dock, mooring astern of USRS *Vermont*. Several lists are attached to the log that consist of provisions received by the Engineering, Pay, Construction, and Equipment Departments, along with lists about crewmen. The log noted the activities of USS

Cushing, USS Terror, USS Porter, and USS Indiana. On August 4, Essex moved down the East River and passed the Cornfield Lightship. The next day, she weaved her way through a number of ships, having to change course 4 times. Essex moored off the Training Station of Naval Station Newport, Rhode Island, and saluted the flags of Rear Admiral Montgomery Sicard; the salute was returned by USS Dolphin and USS New York. The CO visited with the Secretary of the Navy, the Commander in Chief of the North Atlantic Squadron, and the Commandant of the Training Station. On August 6, the CO left for 48 hours of leave and Essex exchanged signals with the Training Station and USS Constellation. The next day, the ship received 162 apprentices with all of their kit. For the next 5 days, the CO of Constellation visited Essex, and the goings-on in the port were chronicled relating to USS Cushing, USS Stiletto, USS Ericcson, USS New York, USS lowa, USS Massachusetts, USS Maine, and USS Brooklyn. On April 12, USS Essex got underway for Plymouth, England, steaming out of Newport and switching to sails passed Martha's Vineyard. Throughout the Atlantic crossing, the apprentices and crew conducted drills and practiced seamanship. During the last 5 days of the month, Essex experienced heavy squalls and rolling, taking water over the starboard rail; at one point on August 31, the ship rolled 20 degrees. On that same day, a foresail was taken in for repair a hole worn through the fabric by chafing.

At the beginning of September, the ship continued to roll heavily through passing squalls. Late on September 4, Essex sighted Eddystone Light and the next day, Essex anchored at Plymouth; an officer called on the US Consul and the log noted a crewman was injured when a block fell on his head. On June 6, the English Flagship HBMS Northampton exchanged 17-gun salutes with Essex and she anchored, while several English warships left the harbor. An Essex crewman fell from the main topmast crosstrees into the main top, and broke his right leg; he was admitted to the shore hospital. On September 16, the ship received 30 gallons of linseed oil but it was rejected as unacceptable. Throughout mid-September, the crew and apprentices were instructed in sail handling, signals, boats, guns, and seamanship, they painted and cleaned the ship, cleaned hammocks, and many crew took liberty. Vessels mentioned in the port include the German steamer Columbia, HBMS Calypso, Japanese cruiser Yashima, torpedo boats, and practice brigs. Essex left Plymouth Harbor under steam on September 21 and sighted Wolf Rock during the evening. While traveling, the USS Essex log noted the French liner La Tourains and ship Perseverance, and an American ocean liner. At the end of September, the ship experienced heavy weather and rolled deeply.

For the first 11 days of October while at sea, the crew and apprentices conducted numerous and extensive training exercises. On October 11, Cape Trafalgar Light was sighted and USS *Essex* stood into the Straits of Gibraltar; she came to anchor. A 21-gun salute was exchanged with the shore battery. The next day, an *Essex* officer visited the US Consul and the ship saluted the Consul with 7 guns. On that day, while swinging to the tide, *Essex* touched the stern of the English steamer *Baines Hawkins*, moored to hulk #56. The crew put out additional springs to prevent the ship from swinging, because *Essex* nearly hit a coal hulk. The CO visited the Governor of Gibraltar and the onshore Senior Naval Officer. While moored, the crew and apprentices conducted

weapons and signal exercises. On October 14, squalls were blowing and the ship began dragging; second anchor was dropped. On October 21, the log noted the English Channel Squadron was visible outside the harbor. On October 25 divers removed, repaired, and replaced a valve on *Essex*. Busy port activities were logged and included the movements of HBM *Polyphemus*, Italian cruiser *Lombardia*, Portuguese cruiser *Adamastor*, HMS *Blenheim*, torpedo gunboats HMS *Halcyon* and HMS *Speedy*, German steamers *Kaiser Wilhelm II* and *Fulda*, French cruiser *Cosmao*, HMS *Magnificent*, Siamese Royal Yacht *Maha Chakrkri*, HMS *Jupiter*, HMS *Calliope*, North German Lloyd steamer *Ems*, Austrian corvette *Donau*, and HMS *Mars*. *Essex* left Gibraltar on October 26 and passed through the Straits, and 4 days later, the effects of deserter T. Donvan were sold at auction and fetched \$5.65.

In early November, *Essex* pass through squally weather while the apprentices conducted practice drills; many vessels were sighted while traveling along. On November 9, the ship stood into Funchal, Madeira, and received a visit from the boarding officer of the English Flagship Training Squadron already in the port, and over the next few days, official visits were exchanged with the appropriate dignitaries. The crew and apprentices practiced gunnery, single sticks, signals, and small boat handling. Three apprentices were AWOL, but appeared on their own - drunk. The busy port was chronicled in the log,HBMS *Volage*, French school frigate *Melpomene*, SS *Moor*, HMS *Champion*, steamer *Tantallon Castle*, and the steamer *Mexican*. On November 18, *Essex* got underway under steam; at the end of the day, the crew uncoupled the propellor and traveled on under sail. For the remainder of November, the ship moved west across the Atlantic Ocean; the crew and apprentices participated in routine drills and vessel upkeep.

During the first 20 days of December, *Essex*, her crew, and her apprentices continued traveling westward, conducting daily drills. On December 4, a 'black squall' was described as keeping pace off the port beam and then it split, part of it going ahead and other going astern. On December 20, USS *Essex* anchored in St. Kitts harbor, exchanged visits with the US Consul's office, and received US Mail on board. The remainder of December saw the crew and apprentices painting the rails, chests, smokestack, and ventilators, and practiced boat sailing; SS *Fontabelle* arrived in St. Kitts.

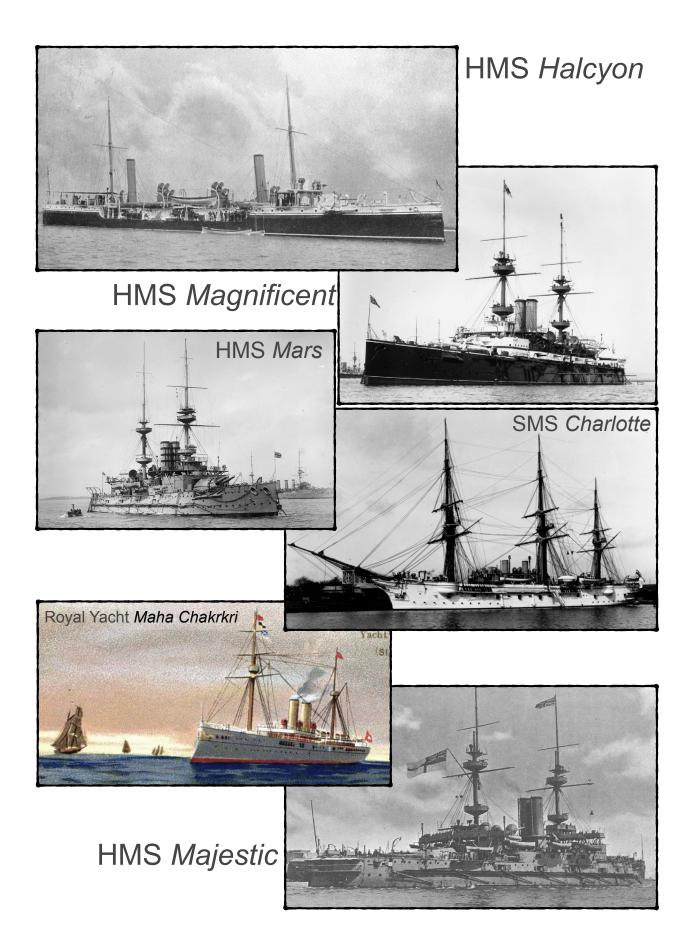
On January 1, 1898, *Essex* raised anchor and set course for St. Croix/Santa Cruz, Virgin Islands, and anchored at Frederiksted Roads the next day. For the first 9 days of the month, official visits were exchanged with officers and Consul personnel, and the ship's crew and apprentices exercised with boats and weaponry. On January 10, *Essex* left Santa Cruz and arrived at St. Thomas; dignitary visits were exchanged for a few days while apprentices and crew exercised 'arm and away boats for distant service'. Several ships were noted in the log including USS *Wilmington*, German training ship *Charlotte*, Spanish gunboat *General Concha*, Danish warship *Ingolf*, Russian armored cruiser *Duke of Edinburgh*, and Austrian cruiser *Donau*. On January 13, the ship left St. Thomas under steam and watched German training ship SMS *Charlotte* conduct target practice. For the next 9 days, the log reported the weather, sail settings, crew exercises,

and punishment. On January 23, Essex sighed the Martin Industry Lightship and steamed into Port Royal, South Carolina; signals were exchanged with USS *Amphitrite*, USS *Nashville*, and USS *Foote*. Until the end of the month, Essex engaged in target practice outside of the port, and returned nightly.

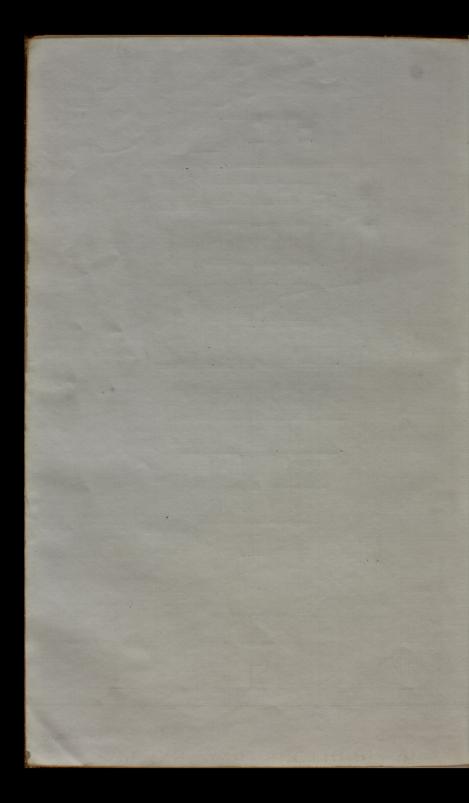
Tags:

sloop-of-war USS Essex, USS Dolphin, USRS Vermont, USS Cushing, USS Terror, USS Porter, USS Indiana, USS Constellation, USS New York, USS Puritan, USS Iowa, USS Massachusetts, USS Maine, USS Brooklyn, English Flagship HBMS Northampton, German steamer Columbia, HBMS Calvpso, Japanese cruiser Yashima, French liner La Tourains, French ship Perseverance, English steamer Baines Hawkins, HBM Polyphemus, Italian cruiser Lombardia, Portuguese cruiser Adamastor, HMS Blenheim, torpedo gunboat HMS Halcyon, torpedo gunboat HMS Speedy, German passenger steamer Kaiser Wilhelm II, German steamer Fulda, HMS Majestic, HMS Magnificent, French cruiser Cosmao, Siamese Royal Yacht Maha Chakrkri, HMS Jupiter, HMS Calliope, North German Lloyd steamer Ems, Austrian corvette Donau, HMS Mars, HBMS Volage, French school frigate Melpomene, SS Moor, HMS Champion, steamer Tantallon Castle, steamer Mexican, SS Fontabelle, USS Wilmington, German training ship Charlotte, Spanish gunboat General Concha, Danish warship Ingolf, Russian armored cruiser Duke of Edinburgh, USS Amphitrite, USS Nashville, USS Foote, tramp steamer torpedo boats, practice brigs, New York Navy Yard, Naval Station Newport, Rhode Island, Plymouth, England, United Kingdom, English Channel Squadron, St. Kitts, St. Thomas, Virgin Islands, Madeira, Port Royal, South Carolina, apprentice training, ship drills, ship maintenance, steam, sail, Donald McKay









LOG BOOK

OF THE

U. S. S Cossedo	
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COMMANDED BY	
Remarker Edward Thong, U.S. Nat	ıy,
Attached to Lawing Squadron,	
Commencing truguest 1st , 1897,	
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and ending January 3/st, 1898, at John Poyal, S.C.	
at Jost Toyal St.	
family .	

BUREAU OF EQUIPMENT
NAVY DEPARTMENT.
1891.

LIST OF OFFICERS

Attached to and on board of the U. S. S. , commanded by Commander & S. Strong, U. S. N., during the period covered by this Log-Book, from August 1st , 1897, to January 31 Pt Strong Edward J Hubbald John W Stoward John W Johns Walter O Mesonis Lewis Bisery Harry E. Jackson Order P Salver Darlow P Salver Darlow Joste Fritisma Serves Jr. Trashington R. H. Lientenant Ex Officer ientenant langutor Lieutenant & Grade Lieutenant & Grade Passed auch Singer Ausslint Paymaster Ensian Ensiel Ensiele Paymasteris Clerk

Examined and found to be correct

John Wternet Leat v

LIST OF OFFICERS

Who have died, been detached, or transferred, on board the U.S. S . GMIN commanded by Commander E. S. Strong, U. S. N., during the period covered by this Log-Book, from August 1st, 1891, to January 3 pt, 1898.

John Williams

• COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S at first commissioning

BER WED.	RATES.	NUMBER ON BOARD.	NUMBER ALLOWED.	RATES.	NUMBER ON BOAR
-	Chief Master-at-Arms	1	1	Apothecaries	1
	Master-at-Arms, first class		1	Yeomen Engineers	1
	Master-at-Arms, second class	,	,	Yeomen Engineers	
	Master-at-Arms, third class	1		Pay	1
	Chief Boatswain's Mate	1	2	Pay	1
	Boatswain's Mates, first class	9		Writers, second class	1
	Boatswain's Mates, second class.	818		Writers, second class Writers, third class.	
	Coxswains	8	1	Buglers, or apprentices for	1
-	Chief Gunner's Mate	1	/	Baymen	-
	Gunner's Mates, first class	/		Total	
	Gunner's Mates, first class Gunner's Mates, second class Gunner's Mates, third class Chief Quartermaster	1	7	Total	,
	Gunner's Mates, third class	2	1	Cabin Steward	
	Chief Quartermaster	1	1	Cabin Cook	1.
	Quartermasters, first class	1		Mess Attendant	-
	Quartermasters, second-class	1		Wardroom Steward	1
	Quartermasters, third class	-		Wardroom Cook	
200	Seamen Gunners		3	Mess Attendants	0
**	Seamen	6		g Steerage Steward	
	Ordinary Seamen	160		Steerage Cook.	
-	Apprentices	160		Mess Attendants	
	Landsmen	12		Warrant Officer's Steward	
				Warrant Officer's Cook	
	Total			Mess Attendant	
-	Chief Carpenter's Mate	1	,	Ship's Cooks, first class	/
	Carpenters' Mates, first class		1	Ship's Cooks, second class	/
	Carpenters' Mates, second class		19	Ship's Cooks, third class	14
	Carpenters' Mates, third class	1	2	Ship's Cooks, fourth class	7
and delivery	Shipwrights	1		Total	
	Blacksmiths	1		Total	
	Plumbers and fitters			Coxswain to (commander-in-chief)	
	Sailmakers' Mates	/.		Samen	1.4
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33100				Ordinary Seamen to, do.	
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				Landsmen to	
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U. S. S Essex.

Description of Instruments used for Meteorological Observations, their Location, &c.

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THERMOMETER, (Wet Bulb.) (Psychrometer.)	Henry & Green	6198	missen Mast Spall Neck.	Feb. 20. 1897.	Standard Commercial Hall Barbados, H. J.	0°.04 Hig
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BOAT ARMAMENT.

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SMALL ARMS.

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Examined and found to be correct

John Tewash

on board the U.S.S Essex

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2	n. by w.	0.	2	30.0977 83 80	" "
3			2	30.09 78 81 74	- " " 5
4			2-4	30.09788072	., ., 6
5	"		2	30.09798179	4 6
6		4	1-4	30.09798079	. 6
7			1-2	80.10 7979 78	in sum the 7.
8	.,		/	30.11 797772	. cum 6
9	4		1	30.12 79 76 73	1 1, 6
10	.,		/	30.11 797573	" currette 7
11			/	00.11 797471	" 7
Mid.	1 "	. 22	1	30.11 76 78 70	
1/20/20/20					

nder Edward . J. Strong under the command of Gos , U. S. Navy, August 1 & , 18 9%. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4.00. and pleasant. Light sis from n. W. Baumeter steady.

Design 26.8. n. From 4.00 to 8.00 am.

Bool; mestij and plassant. Light airs to light breeze
from N.W. Bacometec starij Meccine in Department of supplied and accounts
34 lbs bread and 42 h lls each of breef and mystables. At 7,30 the 26.4. Dolphin passio
up the East Hover with the Secretary's flag at the main.

Ensign El.S. No. From 8.00 am to muilian

Chan and pleasant. Light been from nWhi W. M.

n by W. Bacomete steady of Mutanin (con) of Geffin (c.p.) & Committed about

without leaves

J. M. Jordan,

Lieutinant 26. S. N. From n by W. Bewinster steady.

J. M. Jordan
Lieutenantiby n. Them 4.00 to 8.00 Com. Class and pleasant moderate been to light airform in by W. Barometer steady then wing. I. M. Jordan. Lieutenant 26. S. n. From 3.00 Pour to mutnight.

Blear and pleasant. Light wis from nby W.

Barometer falling slowly:

J. J. Jordan.

Jordan tel. 4.70 J. N. Jordan Lieutenantlb. G. N. Examined and found to be correct. John Stewart Navigator.

LOG of the UNITED STATES Ship Esses Spored to navy your dock, New York.

					WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			Clear Jths.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of 8 8ky, in 10
A.M.																
1				now.	nw.	1			30.11	75	75	70		bem.	cu cum	8
2						1			30.11	75	73	70			.,	8
3						1			30.11	75	71	69		"		9
4		30				1			30.11	74	70	68		-	-	9
5						1			30.11	74	70	68		-		9
6		-			n.by W.	1			30.12	74	70	68		-	Cum.	9
7					n.br.E.	1-2			30.14	74	74	69				9
8					.,	1-4			30.15							9
9						1			30 ./3						cir cum	0
10						2			30.12						4	8
1						2			30. /2						4	6
oon.						2			30.12	78	79	73			"	5

Course and distant	ee made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	. 0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ②			"
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
	(Latitude by	U	4	
Position at 8 A. M.	Longitude by	0-	-	• 11-
	(Latitude by	0	4	"
Position at 8 P. M.	Longitude by	·		"
Current during the	time. knots tenths per hour, setting to the			
	ass by Azimuth O observed at , ship's head	0		
Deviation of the Co	ompass by Azimuth ⊙ ob erved at , ship's head	0	1	variation used, o
	ass by Azimuth ⊙ observed at , ship's head	0	,	"
	ompass by Azimuth ⊙ observed at , ship's head	۰		variation used, o
	ring the preceding 24 hours,	200		gallons.
Water	during the preceding 24 hours,			*
Water remaining o	n hand fit for use at Noon,	200	,	
Coal consumed dur	ing the preceding 24 hours,	- tons	-	lbs.
Coal remaining on	15	9 "	960	-

P. M.	N. by H	N. N.E.	12	30.18 77 79 71	b.c	Secum 5
2			2	30 18 78 80 74		0. 3
3	I bu S	8.24.	2	30.18 79 80 74		, 3
4		0 "	1	30.17 79 81 75		. 3
5		South	1	30.17 79 81 74	"	. 6
6		"	1	30.17798074	"	. 6
7		"	1	30,1779 80 74		. 4
8		,,	1	30.1978 7872	"	. 6
9			1	30, 20 76 75 72		. 5
10			1	30,23 75 74 7/		. 5
11		,	1	30.23 75 73 70		, 3
Mid.			1	30.23 75 73 70		. 3

Der Edurand, J. Strong under the command of Comm , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Thom mutught to 4.00 arm. Pleasant and hasy. Light air from n.W. Baromete steady.

J. M. Jordan Lewinant 26.8. N. From 4.00 to 8.00 am.

Pleasant and having Rederved on board in Department of supplies and accounts: 33 lbs breed, and 42/2 lbs each fresh buf and regetables. J. N. Jordan, Lieutenant 26. I. n. From 8.00 a. m. to Meridian. Clear to Jain. hight airs to light breeze from N. N.C.
Bent topscile, foresail of fore and aft said. Received in Orden be a 75 . 16 of straight pull rifle. When wittout leave thereasen (ca) Commy (lots) T. Mc Inght (P.C) to Siffin (C.P.). Navy yard worksman employed on board in Coynet Osph.

2 joiners + 3 paintered. It It It began to Jumoor ship. It. Historian Cooking man declared a deserter from 19th July + George Corking (Lide) and decenter from 25 of July.

Milled Meridian. Millerant U. S. V. From Meridian to 4.00 P.M. Senerally cloudy, light breeze to light airs from N.N.E. to the South. Vary Yard workness same as forework. It I. I. M. tugs came alongside and schiffed best to Cot Dock sollen of the Vermont. N. S. S. Clothing same to Ordnance Dock Mottuline & S. N. From 4.00 3. m. to 8.00 3. m. Pair light airs from the South. Navy Yard workman same as forenoon, I. M. Eough (7.18) returned on toward 8 his varieties & to. Lientemant A.S. V. From 8,00 9. m. to midnight Tais to cloudy light airs from the South Motheline Lieutenant. R. S.V. Examined and found to be correct. John Withwart Navigator.

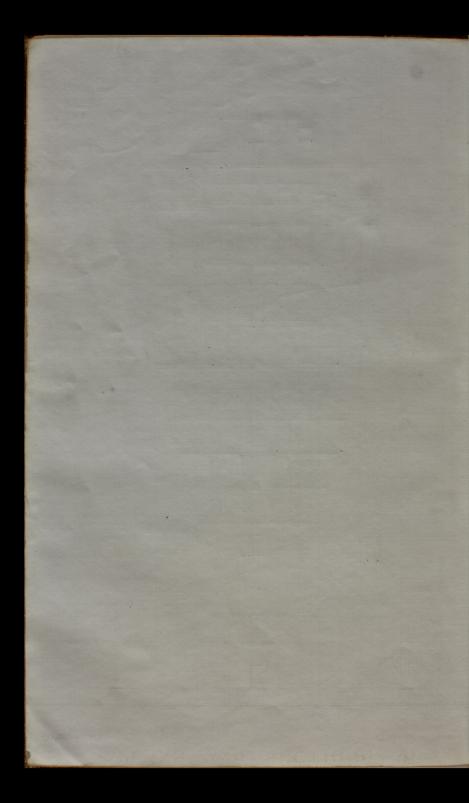
LOG of the UNITED STATES Ship Equx. Yard, New York

1		Mag.			WIND.	1	1		BAROMI	ETER.	TEM	PERAT	TURE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the
A. M.				71 x 8.	South	1			30,23	75				b.c	fr. cir	6	
2					"	1			30,23	/		69		"		6	
3 4					"	1			30.23	1	4.	69		. "	*	6	
5				*	"	1			30,25	4	71	69		"	"	3	
6					0 41	1			30.28	1	72	70		1"	4	3	
7				"	S. N	1			30.30		73	7/		b,c,m	cis enm	1	-
8	-			,	"	1			30.31 30.31	75	80	75		"	11	6	
10					787	2			30,31	78	8/	77		11	"	7	
11				"	8 %	23			30.33	80	85	80		"	"	5	H
Noon.				1	5.80	3			30.31	00	84	17		11	"	+	1

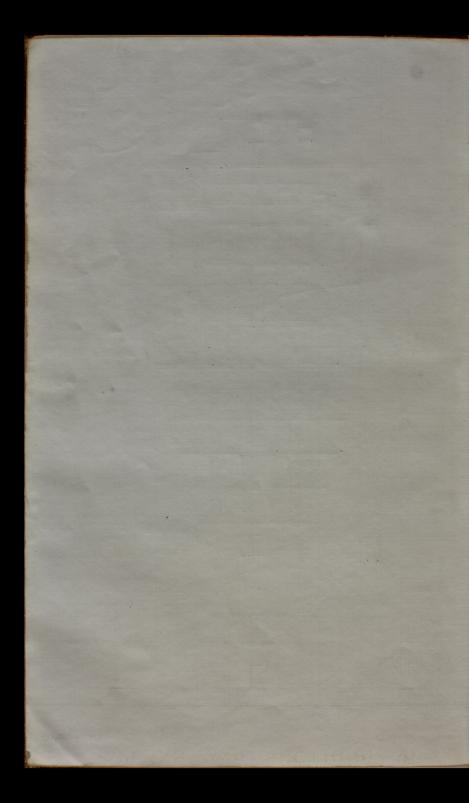
Course and distance made good since preceding noon by observations,				knots.		tenths.	
	(Latitude by D. R.			0	,	"	
Position at Noon:	Longitude by D. R.			0	,	"	
	Latitude by observations of O				,	"	
	Longitude by chronometer from Fo	renoon Observations of O		0	,	"	
115 36	(Latitude by	5		. 0		"	
Position at 8 A. M.	Longitude by			. 0	,	₹ # *	
Position at 8 P. M.	(Latitude by			0	,	"	
	Longitude by			o	,	"	
Current during the	time, knots tenths pe	r hour, setting to the					
	ass by Azimuth O observed at	, ship's head		0			
Deviation of the Compass by Azimuth ⊙ observed at		, ship's head		0		variation used,	0
Error of the Compass by Azimuth ⊙ observed at		, ship's head		0	,	"	
Deviation of the Compass by Azimuth ⊙ observed at		, ship's head		0	,	variation used,	0
	ring the preceding 24 hours,			30	0	gallons.	
Water receive		24 hours,		31.	00	"	
	n hand fit for use at Noon,			300	20		
	ing the preceding 24 hours,		. 40	o tons		1bs.	
Coal remaining on			13.	9 "	56	0 "	

	1 -1. 0	01	TT			
P. M.	Wx S	South			1	
1		"	3	30.3/8/847	7 bem	5
2		,,	3	30.30 8/ 8/ 7	5- "	. 4
3	• "	1 1 1 1 1	4	30.30 80 80 7	5	. 5
4		8821	4	30.30 80 80 7	6 "	" 8
5	1		3	30,2980 80 7	4 "	" 8
6	"		3	30,29 79 79 7	4 "	" 7
7	,,		3	30.29 78 78 7	3 "	" 7
8	4.4		2	3029 78 76 7	3 ".	" 8
9			3	30,2976 76 76	3 6 m	- 10
10			3	30,29 76 75 7	2 "	- 10
11		4	3	30.2975-747	0 "	- 10
Mid.			3	30.29 75 73 7	0 "	- 10

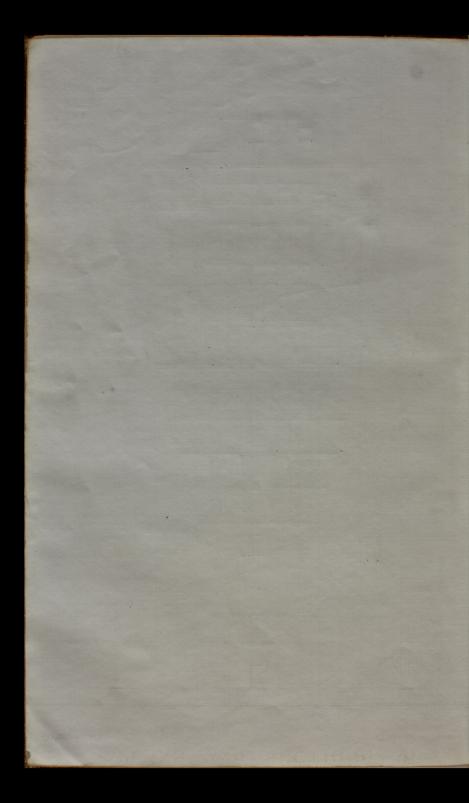
U. S. Navy, 1897. August 3rd 1897 Received from General Strekeeper the following botones for Engineers Depart 150 Pls. Salt water goap Early W. S. A. Scaling Rammers Pentre Junches ver in DESt. ant. U.S. N. - Hora CAR livered acting Soly 2 / gg.
on in B 4 10
sint leave Villows 1 Sex march places Chain mR V Cabin 1 Counting " mess braken 1 (Mar.) West South but - dech overhed Buek " Got hook In Ball, Mish & Iron clamponen & 11 spoke chamo ymasters Veft. Chisel Docket ~ Caus ving 1 " finner 1 Thumb 11 10 11 cold 45-Belaying fino Me 1 Carpenters a Recer 1 Brace. 2 Sets Betts 3 Drawing Knows AlSeedut) (Su List) um deck 8 hours SS abeldron Ensign Received_ Bar used 1. John Ellis , 189 , the above-mentioned articles. aner Shipment No. U.S.N. Ensign In mininger Enoign Johnly Tewast, & Navigator.



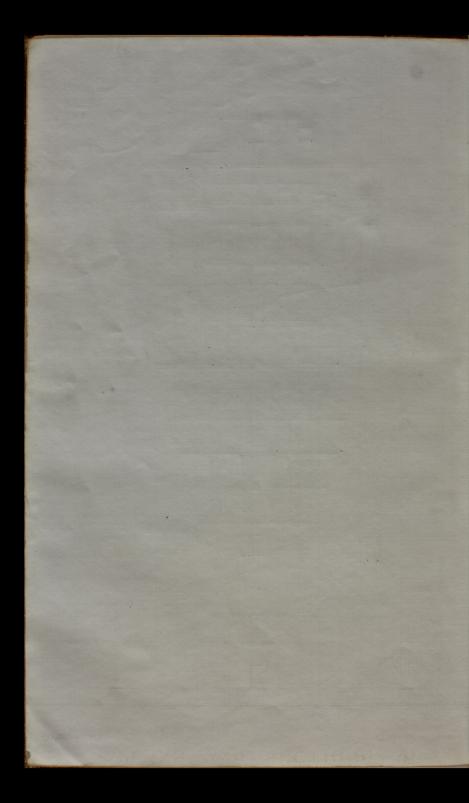
U. S. Navy, 1897. Lettles Padges. Pay Oupr Yard wex d Trousers To Jumpers Frank W. S. N. we in DESt. Licers Device Buttons. lue u.S. V. Hora CAR livered acting opposite of the service of the servi Pillows 1 Sex march places Chain me value Rounding : " mess braken 1 Cross cut saw South buth Buest " Got Look 3 Iron clamposeus I'm Ball, Win " spoke chamo agmasters Nept. Chisel Queket Kaus visy Thumby 11 cold 45- Belaying fins 3 Sets Bitts Drawing Kniv mt (See Let) (Su diet) gun deck 68 hours us IS abeldron Ensign Received_ , 189 , the above-mentioned articles. t Bar used it John Ellis Ensign .00 S.M. 0 In mringer Enoign John Jewast, A & Navigator.



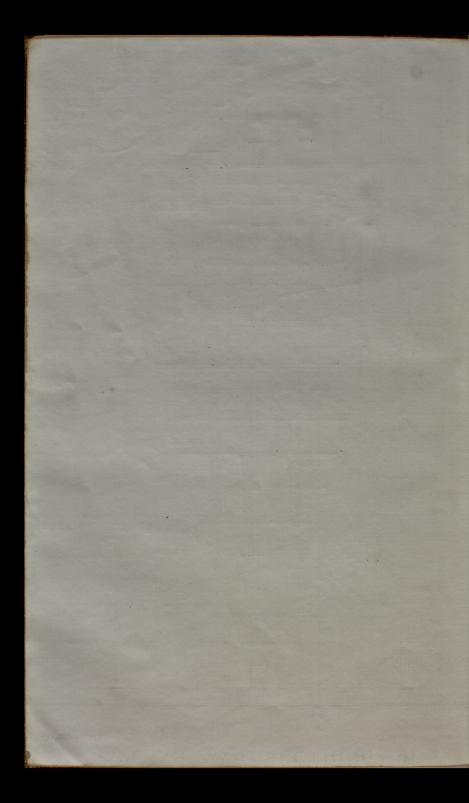
, U. S. Navy, Rued in Coustin 1897. 50# Oakum Yard 20 ft Cypress 450 " moing 20 11. Oak Dos " ask 16 arm Jain iant U.S. N. Tron 14 moltrass corrs ver in DESt. of su 1 Boalsware chest 1 Saw cex ant. U.S. N. Lucies ceto Hora CAR From 6 Pillows BR Valin 1 Sex march places ivered acting appo July 2/97 m in Both 1C 1 Roundrey : 11 1 Cross cont saw 6 mess braken A. J. Co 1 South but V Buest "1 1 (Mar.) West. 1 gorge Look I Iron clamposeer & 11 spoke chans Am Ball, MIN as / Toans visy Chisel Docket for " frames ymasters Nept. Thumb 11 1 carpenter ady 45 Belaying fine 10 11 cold Energn 1 Bruce. 3 Sets Betts Receive 2 Drawing Knives HSudut) Su Siet) in deck hours 95. Abeldron Ensign Received_ 189 , the above-mentioned articles. From Shipment No. Far used John Ellis aneros Prom 800 J.M. to Midnight. - Gair . Harn . Gente S.S. M. bruge - Bar med ancroid to m. Minight. Enorgy Johnly Tewast, Ax & Nacigator.



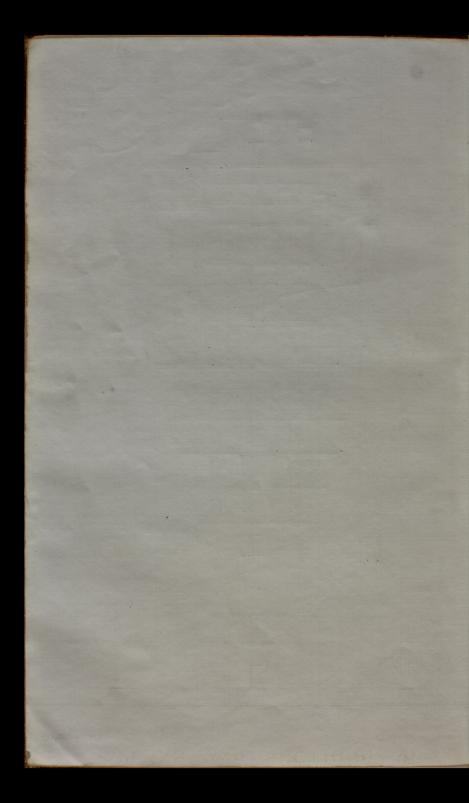
, U. S. Navy, Into Ston in Equipt 1897. +93# maulla Yard Rus in Equips 50 Yds Bag deel rant U.S. N. 50 11 Collow #7 1 Hat Plier we in DESt. 1 Claw Laurer of se livered acting Grating 13 Sphoralte July 25/25 on the By 1/2 Common By 1/2 Common March Leave A (Mar) West or dech overhead 15 Lowermasts 2 77 Top masts 2 41 Pars Rydner 12 136 I har Ball, USA Stretchers 5 10 aymasters Dept. Tillers 215 Yoke Brass 16 Mo nt (Seedet) (See Siet) 3 hours 18 hours 15 IS abeldron Ensign , 189 , the above-mentioned articles. Shipment No. 1. John Ellis Prom 8.00 J.M. to Midnight. - Jan . Harn . Gente S.S. H. breeze - Bar and ancroid to moring Johnly Tewast, & Navigator.



, U. S. Navy, 1897. STORE INVOICE of Articles (shipped) by the General Storekeeper U.S. Navy Yard to the U. S. Ship Ctowal oto & Essex Bureau BeR 189 , Account 8 26 ft 3 ad butter (Moule) rant W.S. N. 1 1581 Herring Stanchions 2/ 18 we in DESt. Back board 1 29 Dout Hooks 16 lue ant. U.S. N. Playstalls 18 Tookbeards (Dottom) 30 livered acting 13 opposite o 15 on in Both 1C Lowermasts 2 77 A (Mar) Noph. 41 12 136 26 I'm Ball, Win Stretchers agmasters Dept. Villers 215 Yoke Brass 16 Me w/ (See Let) (Su Sit) um deck 8 hours 25 J. abeldron Ensign Received_ 189 , the above-mentioned articles. From 8.00 J.M. to Midnight. - Jair . Harin . Gente S.S. H. breeze - Bar was ancroid Johnly Tewast, A & Navigator.



, U. S. Navy, , 1897. STORE INVOICE of Articles shipped by the General Storekeeper U. S. Navy Yard 26 H 2 at butter (bull) mant W.S. N. 1585 thoming Than chiens we in DESt. Back Gourd 31 Boat Looks 3 17 Thay stalls lue u.S. V. 2 Port Bourels (Wottom) 2 30 Grating 15 livered acting appo 16 opposite o on in Both 1C Kower Masts 2 78 A. J. G Top Masto 2 to Ours 12/ 137 Rudder 1 26 I'm Ball, USA Stretchers 10 Tillers Yoke Brass 2 agmasters Nept. 5 6 Mes w/ (See Let) (Su Sit) um deck 8 hours 25 IS abeldron , 189 , the above-mentioned articles. Ensign Investigation of the pollowing stores, (see list) Sie W. Warmer Ensign Grown 8.00 J.M. to Midnight. - Jair . Harm. Sente S.S. Th. bruge - Bar med ancroid to minimum. Johnly Tewast, & Navigator.



ked in Construction Dept. , U. S. Navy, 2 Copper chartles for chains , 1897. 24 Compa eye bolls 48 Hooks with screw great 2 Filed "lenging " 6 pr Brang " cup Lords 1" 10# Copper nails 215" Walne Rentinant, M.S. N. 15th In brade - assid. Tros Received in NESt. 10 th Copper tack getables Spir boxes of su VIZ Sheet lead M. Helmant, U.S. N. 16 han from aculd. 500# White Lead 15# Shellar 6# Versullion in oil From ily. Delivered acting appo I set opposite en from Puly 2 /27.

Broken for 24/C

nen absent leave
unplinent (Max) Nept. X. J. C. 3# Burn't reing dry John 5 La 50 & Wellow actor The gum dech overhead for G for Ball, MAR. 4 tale Spar varied 10 " Japan dryer 30 " alcohol in the Paymasters Nept. Go. T. Wingus Energy 1 PKg Golf leak Me Hammock hooks Halliand racks Releved in Fagnastio Orbariment the Jollaring clotes (See diet)

Surned into store the following stores in Equipment Orph (See diet)

Jurned into store the following stores in Construction Repair stepartment (See diet)

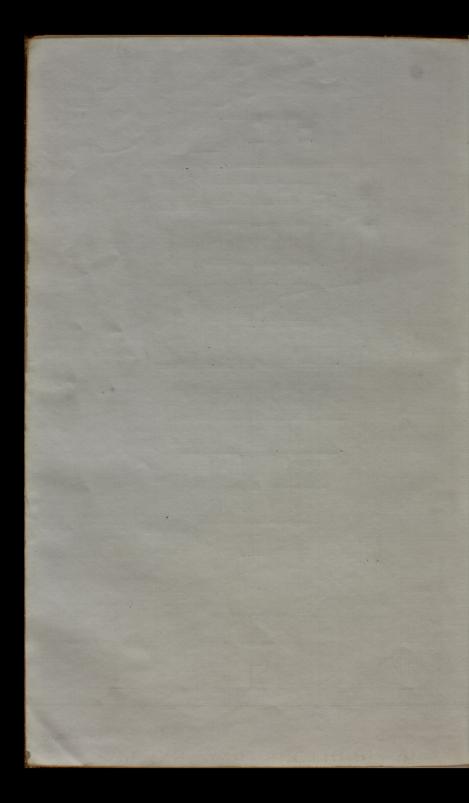
Jurned into store the following stores in Caymootic Separtment. Gue diet)

N. S. B. Ferroi & Porth shifted berts diding watch - Painting gen feek

overhear - Bar. uses anioned - John Griffin C. B. returned to the hours

overtime - Received Jun U. S. R.S. Termont with bags, hammocker papers S.S. Melotrom

It Birts and J. Knideen (See) and G. H. Trachtet Odd) Gratt. Williams From 4,00 9.70 to 8.00 P.M. Sair to Clear- Mily - hight to gentle bruse from S. S. H. Bar used provid. Painting Com ocoke odesheat. Resembly from US C.S. Visionet John Ellis Received in Equipment Dept. Che following stores, (see list) Ju. 7: Williams. Ensign Incroid . Pariting Eum Dook overhead store (see list) St. T. Masse Ensign Gam 8.00 J.M. to Mulnight. - Jain . Harm . Sente S.S. H. Leeye - Bar und ancroid St. T. Mainger . Son Truinger . Ensign Johnly Tewart, A & Navigator.



, U. S. Navy, Spare vary Looks , 1897. Swird rowlands Sheets Sandpaper " Enery cloth 40 Diles and . Welne Rentenant, W.S. N. Souall Callipers 2 moukey wrustes Iron 1 Sente bull Receive in DESt. 8 molasses kega getables of su 6 DECK buskets Motheline W.S. N. J mess Eins Fro. ily. Delivered acting 2 Braces 2 Sets Bills I set opposite o an jum belly 2/9.

Broken to Br /C

nen absent lesse

uplinest (Mar) NEph

in gun deck overhead

for G for

Let TSM Ball, MAR 1 Hatelet Iron Hack plang X. J. C 2 Smoothing Phiers - Side culting the Paymasters Nept. nail purcles Server driver Dans set Oil cloud Sto. T. Wiliams Mes Received in Equipment reparament the Following stores (See diet)

Received in Equipment the Following stored in Equipment Octob (See diet)

Jurnel unto store the following stores in Englishment Octob (See diet)

Jurnel unto store the following stores in Englishment Repair Department (See diet)

N. S. B. Jerror & Porter shifted borts duling watch - Sainling pur deck

overhead - Bar wees Ancroid - John Griffin (C. P.) returned les hours

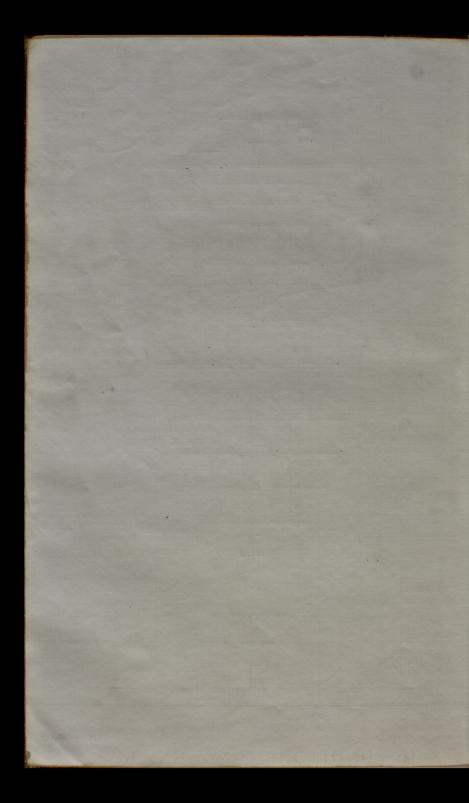
overtime - Pecerus Junn U. S. P.S. Vermont, with tags, hammocker sepens S. Abelotom

H. Birts and J. Krusten (See) and G. H. Trachter (Ada) Gran. Williams From 4.00 P.M. to 8.00 P.M.

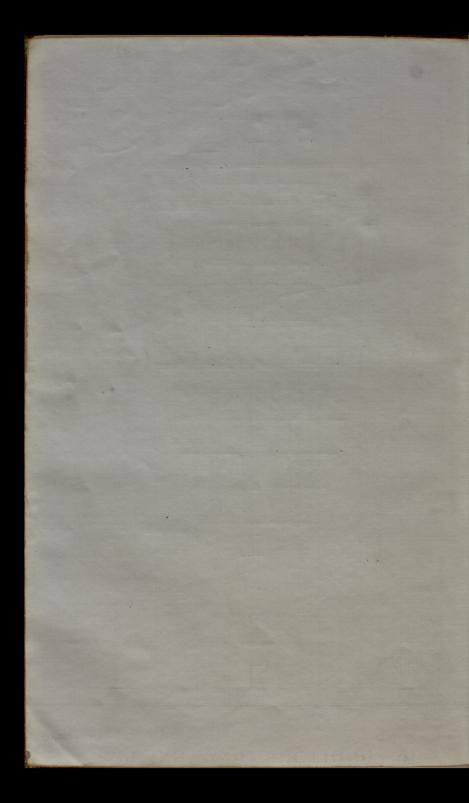
Garding Gum ocak orderhead . Reserved from US CS Termine John Ellis
Reserved in Equipment Dept. the following stores, (see list) Su. T. Triam.

From 8.00 J.M. to Mednight. — Jan. Harm. Genete SS. H. breeze - Bar and anceroid

Examined and tound to be correct. Johnly Tewart, & Navigator.



, U. S. Navy, Brass ocrew Eyes , 1897. 81# Drow - round - 0/8 8/4") 36 Hooks teges 1 ltro. Thing ocrew eyes While huntinant, M. S. N. du Equepment 1924 Evanielles clock 10 1 Green baigs 12 spling files Tros I Receive in DESt. getables of se Motheline Rientmant. U.S. N. 1 gm. Iron rings 1/2" From sty. Delivered acting aly Networld alling it all plans of the following of grand on Sure leave men absent leave men absent leave making our deak overhead John C por heat T. J. M. Ball, M. M. their John 5 La the Paymasters Nept. Go. T. Wingus Energy Mes Received in Egymaster Department the following articles (See hist)
Received in Psymaster Department the following plotes (See hist)
Surned into store the following stores in Egyphyment Department (See Liet)
Surned into plote the following stores in Egymaster Department (See Liet)
U.S. B. B. Jerror & Porter shelled berts dubing watch - Samling gum fleck
overhead - Bar. wees Aniroid - John Griffin (C.P.) returned 68 hours
overtime - Precincy Jun US PS Vermont with Jago hammocker pepers S. Abeldion
H. Birts and J. Kniden (See) and G. H. Trachter (Ada) Grat. Wienaus Ensign From 4.00 J.M. to 8.00 P.M. Jan is clear-Mily-Right to gentle breezes from S. S. H. Bar, used aneroid. Fainting Sum scak orderhead. Coderno from US & Stermond John Ellis Reserved in Equipment Dept. the following stores, (see list) Su. H. Haine Ensegn From 8.00 J.M. to Midnight. — Jain-Haine. Genete S.S. H. breeze-Bar, and Aneroid to more Examined and tound to be correct. Johnly Tewart, Al & Navigator.



625 ets Biscul , U. S. Navy, , 1897. 36 Gels. Beans. 184 lbs Flour bondemud by Perry and turned justo store and turned justo store and. William Rentenant, U.S.N. From ! Receive in NEST. of sup - M. Helme Lientenant. U.S. N. From 8.00 A. M. to Meridian.

Jain-Harm. dight aire to gente breeze from Std & Hid, mily. Delivered acting appointments to the following names men for the Natings & from the dalet set opposett of the names. However as Consummy from July 1/97 M. Jaken berg so Consummy from July 2/97. Batter berg so Consummy from July 2/97. The factoring breen absorb the south of the July 2/97. The factoring breen absorb the south of the Suffer C. J. Stemmen G. Cana Natick from (180). There is Boundinal (Nac) Naph. 15 ha South cells, S. Barton former, Symmen's transfer for they will be formed and deck overhead Received in Delinance Nath 20 000 to mm cartridges of a britte sponger for C for Nach 1800. Who service in the Paymaetter N. M. Ball. Who was service member, met for the survey of vertain articles in the Paymaetter N. M. Ball. Who From 8.00 A. m. to meridian So. T. Waisins Energy Meridian to 4.00 J. M. Received in Construction & Repair Depto, the following between South & It- Misty.
Received in Equipment Department be following between (See high)
Received in Equipment Department the following stateles (See high)
Received in Equipment Department the following states (See high)
Jurned and Dore the following stated in Equipment Dept (See high)
Jurned and story the Dollowing stated in Equipment Dept (See high) Jurned inte store the following stores in Construction Repair Department See Let.)

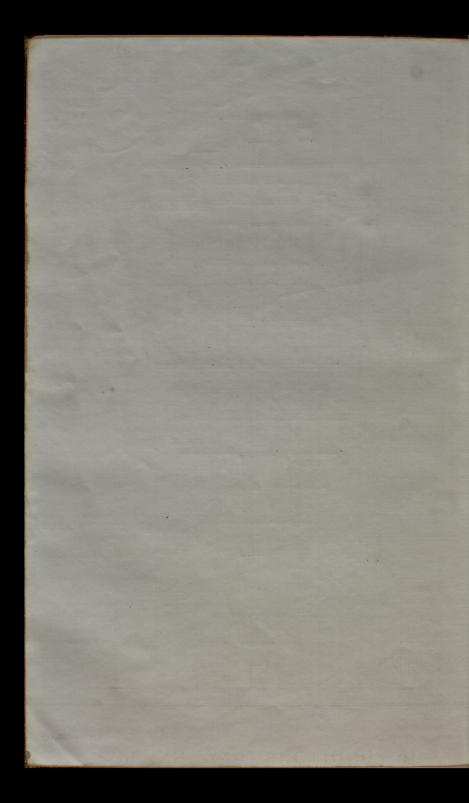
Jurned into store the following stores in Paymaste Department. Ge Let.)

N. S. B. Jerroi + Porter shefted berito deling watch - Painting gim deck

overhead - Bar. uses anivoid. - John Griffin, C.P. returned 68 nows

overtime - Pecuvis June 8. RS Virmont, with Jago hammocker reprise S. abeldrom Hr. Birts and G. Knudsen (Sea) and G. H. Prachtel (Ida) Gran. Wienaus Ensign From 4.00 J. M. to 8.00 P. M. Sar west - Right to gentle breeze from S. S. H. Bar, west Aneroid . Jaming Sum scak orderhead . Certural from US & Sterment John Ellis Research in Calliphinent Dept. Cht following stores (see list) for Historia Ensegn Grow 8.00 J. M. to Midnight. — Jain-Harm. Geneta S.S. H. breeze - Bar was ancroid to m. Minight.

Examined and found to be correct. Johnly Tewast, & Navigator.



August 3th , U. S. Navy, , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and until 4.00 A.M. Pair, high airs from the South Milled hunter Lucterant, U.S. N. From 4.00 to 8.00 A.M. Cloudy to Jair, hight airs from the South to S. H. Receive in North of supplies and accounter 35 I the Just vacad + 42/2 the week fresh beef + vegetables Motheline Milliant U.S. N. From 8.00 A.M. & Meridiane

Sair-Harm. dight airs to gentle breeze non St & Hit, mily. Delivered asting
appointments to the following names men for the Natings & from the data set of possible of
their names. He gasts as Coxer un funding 197 M. Salvenberg as Coxorning from Luly 197;
A. Connelly as Jos St. C. fund bely 28 ff H 3 lay as Cox fung. July 28 ft. Button in 34 C.
Horn fully 18 ft. P. Betterson as Coloran from help 297. The Juliouring men absorbed to be the following to the second of the second of the South of th Sa T. Hairins Energy Meridian to 4.00 P.M. Pair and warm. Genete to moderate bruge from South + S. H.- Misty. Received in Construction & Repair Depto the following stores (See hist)
Received in Equipment Department the following stores (See hist)
Received in Equipment Department the following articles (See hist)
Received in Equipment Department the following stores (See hist)
Surned into Store the following stores in Equipment Dept (See hist)
Surned into store the following stores in Engineering Repair Department (See diet)
Surned into place the following stores in Daymache Department (See diet)
N. S. S. Serror & Porth chiffet beith destroy watch - Jainling gun fleck
overhead — Bar. uses Ancord — John Griffin (C.3) returned los hours
overhead — Bar. uses Ancord — John Griffin (C.3) returned los hours
overtime — Precious Jenn (N.S. R.S. Terrorit, with Jags, hammocker papers 95, Abelohom
It Birds and 9. Knudsen (See) and 9. H. Irachtel (Sed)

Start. Trivians Gran. Williams From 4.00 J.M. to 8.00 P.M. Jain to Clear-Milty - Right to gentle bruges from S S It Bar, west aneroid Jainting Jum Ocek orderhead. Reduced from US ES Termine John Ellio Reserved in Oscupanent Dept. the following stores, (see list) Su. T. Triam. Ensugn From 8.00 J.M. to Midnight. - Jain-Haum. Genete SS. It bruge - Bar and ancroid to m Things.

Examined and found to be correct. Johnly Tewast, & Navigator.

Morred to Ordinance Dock Nany Yard N. 4

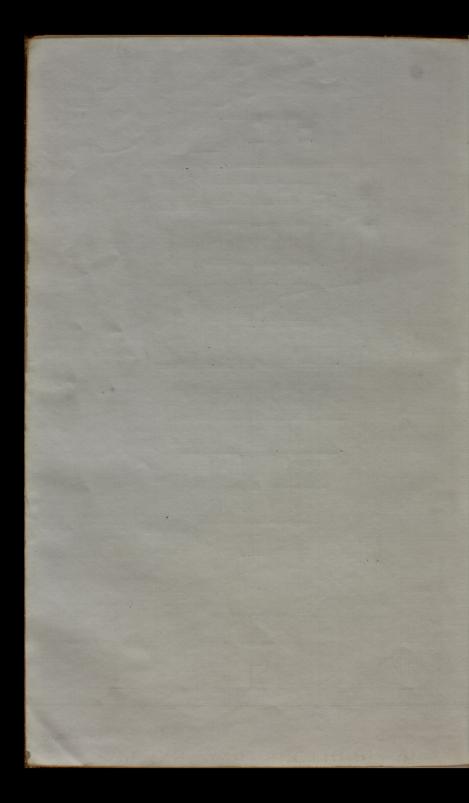
			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	-	Clear 10ths.	e Sea.
Hour.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther, att'd.	Alir, Dry Balls,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of (Sky, in 10	State of th
A. M.				HxS	887.	2			30.27	74	73	71		b.c	ció, Cun	26	
2				"	4	2			30.29	74	73	71				4	
3				4		2			30.29						4	2	
4					"	2			30.29	74	73	71			"	2	10
5					1 "0 11	2			30.29						4	1	
6				"	N. 8. 21	2			30.30					o.c.m	ou nin	0	
7				"	0 4 0	/			30.35					0.c.m.r	"	0	B
8					82.8	2			30.42					t. e.m	4	2	10
9				4	8.84	1			30.40					b.c.	i	4	
10				4	SWx M.	2			30.40	68	76	74	-	b,c	Cus	4	
11	3				2/"	2			30.39					6. C		3	
Noon.				4	Txx	2			30.26	76	80	76		"	11	3	

e made good since preceding noon by obs	ervations,	knots.	tenths.
Latitude by D. R.		0 '	"
Longitude by D. R.		0 ,	"
Latitude by observations of Θ		. 0 ,	"
Longitude by chronometer from Foreno	on Observations of ⊙	0 ,	"
Latitude by		0 ,	"
Longitude by		0 '	"
Latitude by bearing	90	410 04	" cr
Longitude by		72058	" 24
time, knots tenths per hor	ir, setting to the		
ss by Azimuth O observed at ,	ship's head	0 1	
mpass by Azimuth O observed at	, ship's head	0 1	variation used, o '
ass by Azimuth ⊙ observed at ,	ship's head	0 1	и .
mpass by Azimuth ⊙ observed at	, ship's head	0 1	variation used, o
ring the preceding 24 hours,		200	gallons.
during the preceding 24 h	ours,		4
hand fit for use at Noon,		2800	4
ng the preceding 24 hours,	6	tons	160 lbs.
and at Noon,	13.3	3 " 4	400 "
	Latitude by D. R. Longitude by D. R. Latitude by observations of © Longitude by chronometer from Foreno Latitude by Longitude by Longitu	Longitude by D. R. Latitude by observations of ⊖ Longitude by chronometer from Forenoon Observations of ⊝ Latitude by Longitude by time, knots tenths per hour, setting to the. Longitude by L	Latitude by D. R. Latitude by observations of ⊖ Longitude by chronometer from Forenoon Observations of ⊙ Latitude by Latitude by Longitude by Longitu

P. MŠ		25		Vorons course	u .			
1					North	11	30.347881 77 o.c.m cum in 0	
2					€ 8 €	1	30,34 78 81 77	
3				.,	18.8	1	30.28 77 80 77 b.c.m Ju. eum 2	
4	5	4	5.4	NE by E 148		1.2	30.26 77 80 77 " 4	S
5	7	2	13.3	EN. 6 1/4 E	8.6.8	2	30.25-77 79 77 73 4 cum 5	5
6	8	376	21.5	\$ 67 9. Ec	886.	2	30,2577 77 77 7573 , " Friend 3	"
7	3	89	30.2	ENE	South	2.3	30267676767573 bemu. 3	K
8	3	2	36.8	ENE THE	4	2	30.2675 75 75 73 " 5	4
9	8	2	46.2			2	30.2976 757473 . 2	
10	8	6	58.8	"	- 16	3	302976747673 4 . 2	10
,11			61.4	EN'E 1/4 E	8.86	/	30,2976 747773 , 2	
Mid.	4	8	63. 2	64.6/46	9	/	30,2675 7477 71 0, c, m . 0	
1	-		-	-				1

6 Ships Dorapers, , U. S. Navy, 1 vise door mats , 18 97 EVENTS OF THE DAY. 8-12- fleav Engererny used aneroja Ensign Cloudy and pleasant to overcast and raining, I O. Stanman (F. 12) returned 21/2 has overtime Novalio Jamoke pipe of painted it. Started fire in Bolish BCD, at 7.00-Jut planning covers on after made of main yard. Reciv in Say Dept. 36 lbs. bread +2/2 lbs. each of beef and vegitable. From 8.00 A.m. to Meridian. Som 800 8 M to Meindian blood are is light - beleges from S. M. to M. - Barometer falling-Resured the following falous on Hovard Ordname Sept 2 had Revolves 38 - Egrupment Dept 100 Proposence, 34 task brick - Construction Dept - 1 postable florge - Dept 1 Steam Engineering (are list) Making preparations for getting induring S. Kay (bds) absent without leave. Received from NSS Indiana. has Ebb (CIM). Fire in boiler 13.0. The Meridian to 4-00 P.M. Cast Poir and trough Hell Sate under stam alone. Comby Officer at the Conn. - Selet on touche at 12 45 steped for ten minutes to connect gland of straight over of main blige pumpe - Steving various consists until 3 Number took described from the connect gland of straight over of main blige pumpe - Steving various consists until 3 Number took described from Execution Took reasons (M. dislance) will and set course V. E. by E/4E. Saturt for seading a let 3 to discharge of life of the free of the seading of the state of the seading of the seadi placed him in Prolitary confinement for 3 days on bready water for overstationly liberty. At 4,00 clanged course to ENE 1/4E Pat Log 5.4 Steaming with soiler B. E. H. . Art steam 53. Ar. revolutions 39. Draught 14-16" ford-16'-11" aft. Engages in general cleaning. Ensign From 400 P.M. to 800 P.M.

Cloudy and warm high to gente breeze from SSH and Sout-misty-smooth sea. Bay uses an environ-Correction x.11. Changes courses as Jallows: At 5-17 part log 15-7 love to by the . At 5-20 to the 15 to 6.4 to 1.4 to 1 Gram Remains Ensign From 800 PM to Midnight are to genete breeze from South + S. E. Ban falling, Under steam - Cloudy & warm-higher airs to genete breezes from South + S. E. Ban falling, Under steam alon read sails main treadly spanker Justil 8 st when trok in all sail & proceeded under steam alone on course 6 N. E. 14 & until 11.20 when changed course to 6 N. E. 146 (S. d. 68, 2) at 10.00 Jackness Id. abeam Dist 5 mi. at 11 05 Hoctons It abeam 43 mi. at 11.55 Cornfeel Light used abeam I m. Ot end of watch under steam alone with forces BCrD. On course ENEME an steam of the av, ret 39 O.T. Jackson Examined and found to be correct. John Stywart on Navigator,



d of Commander & Strong August 4th , U. S. Navy, , 18 97 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4.00 A.M. regions and intel 4.00 0.70 June Jom S.S.H. - Bar used aniroyd for Milliams Ensign From 400 4m to 800 Am. Cloudy and pleasant to overcast and raining, I O Stanman (F. 12) returned 21/2 has overtime Noisted Jamoke pipe of painted it. Started fires in Blilde BCD at 7.00-Jut pleasing covers on after masts of main yard. Recist in Say Dopt 36 lbs bread 42/2 lbs each of hely gut I regiliable. From 8.00 A.m. to Meridian Som 800 Nm & Metridian

Slondy and sultry-hight airs to light-breezes from S. 11. to M. Barometer falling-Premer Le

Jollowing of stokes on trans-ordname Rept 2 Gray Revolves 38 - Equipment Dept 100 Tripolene,
24 tack brick - Construction in the 1-1 postable flores - Dept, I Steam Engineering (Rec list)

Making preparations for getting induring B. Kay (List) absent without leave. Received from

N.S.S. Andrana. Chan Eble (CIM). Fire in boilers B. C. T. D. T. Tacken

Energy Meridian to 4-00 S.M. Over sast , sully high variable airs - Bar, Jalling. At 12-15 unmoved ship and lift Jay Jew, 2505 w/o Gast River and through the Gate under attain alone. Coming officer at the Conn. - Selot on tosake at 12-16 stepped for ten minutes to connect gland of stuffing for of main blue pump. Altering various conview until 3 Number took depositive from Execution Tak in any 17th, distance /2 mile and set course V. E. by E/4E. Patent boy reading Q At 3 of discharge Blots. - S. Kay (Ado) returned on brank 25 has overtake and by order of Conday Officer thered him in Isolitary confirmment for 3 days on bread & water for overstaying liberty. At 4,60 changed course to E.M. E. M. Dat S. of Steaming with Joiler B. C. A. Avd Steam 53. Av. Trevolutions 39. Draught 14'46" ford-16'-11" aft. Engages in general cleaning. Ensign From 400 9 M to 800 PM
Cloudy and warm light to gentle breeze from SSH and Sout-misty-more sea. Bar isset
Ancroid-Correction x. 11. Changed courses as Jallows: At 5-17 park log 15-7 low 16 by 6/46. At 5-20
took log 16.1 to 6.1 E. 16. C. 16. S. 16 by 16. At 5-20
took log 16.1 to 6.1 E. 16. C. 16. S. 16. Show the loght owner abeam, distance 1.8 mm bar log 16. 9 ht by 10.
At 1. 50 part log 24.3 to 6.1 C. 21. I Shulfor should light abeam destance . 7 mi took log 31. C to 16/16 12 E.
At 1. 50 part log 32. & 16 E. 16. 31. E. Set hear sociom and trypail 1 Apanter at 4.30. At one whole steam and
fore to aft sociom course 6.1 E. 3/16. Staatford light 11. 18 M. - S. It dedge light 16 by C. 9/1E. As revolution 420
As steam pressure 55. Porce of top gallant mast ropes Sta M. Wiennes Ensign From 800 PM to Midnight airs to genete breezes from South + S. E. Bas falling. Under steam - Cloudy & warm-orgher airs to genete breezes from South + S. E. Bas falling. Under steam alon head sails man typail , spanker funtil 8.50 when took in all sail , perceeded under steam alone on course 6.4.8 948 mutil 11.20 when changed course to 6.4.8/46 (S. d. 6.8.2) at 10.00 Jackness Id. abeam Dist 5 mi. at 11.00 Thostons It abeam 43 mi. at 11.55 Confeel Light used abeam 2/2 mi Ot end of watch under steam alone with foiler BCrD. On course ENE 1/1 E ar steam of the O.T. Jackson av, ret 39. Examined and found to be correct. John Styrast Navigator,

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			Clear 10ths.	Bea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Foree.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the 8
A. M.																	
1	7	2	75.2	E. N. E. 146.	N. E	1.3			30,20	73	69	67	71	vertl	con	0	m
2	3	\$	80.0 12.5	Ein	"	2			30.18	73	69	67	71	4	"	0	
3	3	9	865	Eis	Frest	2			30,18	73	69	67	71	4	"	0	
4	7	0	97.5	Exx	N.6	2.4			30.20	73	69	67	71	ocagite	,	0	
5	5	6	31		E. N.E	45			30,20	66	65	W	67	ocad	4	0	
3	5	7	8,2	4	16x6	45			30.20	-1-		65	67	o.c.	Ste Cun	0	
7	6	2	14.4	"		5,6			30.21	69	66	65	67	4 ,	4	0	
8	6	3	红	TI VE		5,6			30.24	69	66	65	67	00%	"	0	4
9	40,0	7903	1265.	the te	N. N.E.	4.6	,		30, 16		64		1	ocnal	nin	0	-
10	%,	390	23°43 29.3	N. S. 1/2 E		4,5			30.28	69	64	64		.,	4	0	4
11				1.ExE	N.E.C	3			30.29			64		oemd		0	
oon.			300	East	"	23			30, 29	69	65	64		ocmpg	"	0	

Course and distant	ee made good since preceding noon by	observations,	134	knots.	tenths,		
	(Latitude by D. R.			0 ,	"		
	Longitude by D. R.			0 ,	"		
Position at Noon:	Latitude by observations of ©			0 1	"		
	Longitude by chronometer from For	renoon Observations of	9	0 ,	"		
	Latitude by bearings Longitude by		4	10211	" N		
Position at 8 A. M.	Longitude by	. The second	71	0 28.	" 24.		
	(Latitude by			0 ,	"		
Position at 8 P. M.	Longitude by			0 ,	"		
Current during the	time, knots tenths per	hour, setting to the					
Error of the Comp	ass by Azimuth O observed at	, ship's head		0 /			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		0 '	variation used,	0	1
Error of the Comp	ass by Azimuth O observed at	, ship's head		0 '	"		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		0 ,	variation used,	0	
Water expended du	ring the preceding 24 hours,			500	gallons.		
Water	during the preceding	24 hours,					
Water remaining of	n hand fit for use at Noon,			2300			
Coal consumed dur	ing the preceding 24 hours,		5	tons /6	00 lbs.		
Coal remaining on	hand at Noon,		127	" 10	40 "		

1	N.E	N. N.E	9.4	30,33 69 65 64	o cman	nim 0
2	N.E		3.4	30.37 69 65 64	ocmay	. , 0
3	,,	,	3.4	30.31 68 65 64	"	. 0
4	N.N.E.	. 4	3	30.35 68 65 64	,	. 0
5	"	1. 6	3	30,35 67 67 64	,"	. /
6	E. N.E.	"	2	30,3768 67 64	f.c	, 5
7	*	East	1	30.37 68 66 64	4	, 5
8	E, x S.	"	/	30.37 68 68 62	4.	, 6
9	Nx 6		1	30.38 67 64 62	b	, 10
10	1.6x E	North	1	30.37 67 64 62	6	. 10
11	5,58	E.N.E	1.2	30,37 67 63 62	4	. 10
Mid.	HxN.		- 2	30.3667 63 62	4	, 10

under the command of Dominander & J. Strong RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4.00 am Overcast and raining, lighting most of watch-light aire to moderate breeze from N.E. Bar. steely staming up downed. At 121d part helm about to pase a steamer recurred August at 12,15. At 1.47 suphir Rose Book light on the port four. At 1.20 changes evere to E. J. N. Pat. Log 77.2. At 1.40 changes course to E. Jat. Log 80. At 2.30 changes course to Ext. Pat. Log 84.5 and at 2. 30 changes course to EN. Jet log 86.6 Av. presam presence 52/16. Av. revolutions 39 From 4,00 am, to 8.00 am Overcast passing showers third how, vaining last how Moderate to fresh breeze from 1.5 ye over. Moderate See, changed could so free more as free more 12.30 septer Block Salandon startered love as free from 1.5 ye or 1. Moderate low changes combine as forenews. Ut 5:30 scaplet Block Saland on Start raid fore. Ut 6.30 made out Fruit Sudeth light brine and at 7, & made of Point Sudeth Ministing may on fort borr, Ut 7:30 Pat log 195 changed cover to N. NE. At 7,30 Pat log 195 the N. tyE and at 8:00 Pat, log 30 r Whichting brong of It sended being 19 port beam distant 100 gts, to NE 16 Changed Course three timbs during watch to avoid vessels. Ut int under steam on course N.E 1/2 E. av. Steam pressure 55 av Revolutions HD Ino. W. Muiams Ensign From 8,00 UM, 6 Meridian, over the fresh breyer from 1. 1/8 1 1/8 Ety E. Bar many Standing up Varaganaid Boy moter alone, attending reports to fresh to from alone, attending reports a proper of from alone of the form. At 10° handed in Val log pealing 32.5. Of 10.5 moves to morning at Bucy of Francing States 5/2 From Walter 18 from the first flags of Navy and Rear admiral M See and Come in cheef it that the the work 17 1,3 games to peak the following hands to alute were returned with 7 games by the Dolphin 1 1/40 from Made the following algorith - 9.4 such anger number with 10.5 true fook - 9.5 9.5. Into 5178 to See food. Of 10.00 to Indian 18. New food the food of the See food From 8,00 am to Meridian; New Jose. At 10th to Nolphin (1.1) (request permission to palute the dameral, at 10.2 to fork) Station (NM) permission to more. At 10.2 to Nolphin signalled (N. 1) Granter. At 10.2 to principality fork) signalled (N. 1) Signal 16 Ingining Station about mooring at 50 Ingining Stationary Control of Jerussion Granter. The Commander of few maries officially the Scientify of the Volve Control on the State allowable Squadron and Confirmandant of the Discouring Station. At 8 to Brosses to page of yours. Fire a game out in boiler Both. Banker files boiler (S. - Distilling - Bakended in Johnson Peter 130 Saluting charges 6 pds. Av. Altam 55. Av. res. 147 At 112 M. S. Indiana get underway + close out. Indiana got underway + Stort lout. From Meridian to 4 J.M. Bar steady at 1.10 the Jeag of the Secretary of the Navy was hauted down by the Dolphin and sallets of 17 guns were first by the Dolphin & New York respectively-Distilling Sum 400 J.M. to 8.00 P.M. Cloudy and pleasant-dight E'ly, airs to gentle buyer from N.E. Barometer pleasey. From 8.00 g.M. to Midnight Clear and pleasant, light airs to light breeze from E to ENE Barometer steady- Distilling. Examined and found to be correct. John Stewart & Navigator.

Rate,

I				Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.			Hear ths.	e Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
-	A. M.				N. N. 24	N.E	2			30,36	67	63	6/		b.m		10	
	2				4	"	2			30.36					6		10	
	3				North	N.N.E	2			30.35					"		10	
	4					"	1.2			30.34					6.0	str	8	
	5				4	N. by E	2			30.35					4	Ci	9	
3	6				"	Notet	1			30.36	March 1				"	"	10	
	7-					"	1			30.36	-		MARKET		"	"	10	
	8				"		2			30.37					"	"	10	
	9				"	"	2			30.36	67	7/	67		"	-	10	
	10				"	"	2			30.36	71	72	69			-	10	
	11				N by H	N by 24	1			30.34					"		10	
N	oon.				,	,	1			30.34	75	73	69		,	-	10	

Course and distant	ce made good since preceding noon by observations,		knots.	tenths.	
	Latitude by D. R.		0 1	"	
	Longitude by D. R.		0 '	"	
Position at Noon:	Latitude by observations of ⊙		0 1	"	
	Longitude by chronometer from Forenoon Observation	s of ⊙	0 ,	"	
	(Latitude by		0 1	"	
Position at 8 A. M.	Longitude by		0 1	"	
	(Latitude by		0 ,	"	
Position at 8 P. M.	Longitude by		0 /	"	
Current during the		ne			
	ass by Azimuth O observed at , ship's head		0 1		
	ompass by Azimuth © observed at , ship's head		0 /	variation used,	0 '
	ass by Azimuth ⊙ observed at , ship's head		0 1	"	
	ompass by Azimuth ⊙ observed at , ship's head		0 ,	variation used,	
	aring the preceding 24 hours,		300	gallons.	
1	Led_ during the preceding 24 hours,		800	"	
The second second	hand fit for use at Noon,		2800	. "	
	ing the preceding 24 hours,		tons 90	0 lbs.	
Coal remaining on		/5	tons 96	6 "	

P. M.	8.11.8.	15 4		72 82 45		1	-
1	1. 21 × 21.	N.E.xn	2	30.34 73 83 75	b, c	fr. cum	5
2	SY, TY X 84.	West	2.3	30.33 74 79 72		"	-
3	Hx S.	8. Hx 21	2.3	30.33747471	4	In enm	-
4	drx S.	"	2.3	30.33 73 75 72		shiat	7
5	"	, ",	2	30.32 73 75 7/	. 4	11	6
6	"	N. S. N.	2	30.3/72747/		"	4
7	.,	"	2	30.31727471	4		6
8	South	,	2	30.33 72 70 69			7
9	8.8.8	,,	2	30.33 73 69 69		"	8
10	1.24	N. 21	2	30.33 73 69 67	4	,	8
11	8.21.	- "	1	30.33 72 68 66	,	,	8
Mid.	21.21.21.	,	2	30.33 7/ 68 66	4	"	8
	. #						

under the command of Commander & S. Strong august 64 , U. S. Navy, Commences and until 4,00 am. Reght airs to light breeze from N.E to N.T.E. Baromiles sleady then falling. Lieutenant. US. A. From 4.00 am to 8.00 am soon 4,00 am to 500 work learn in weather hight airs to light brieze, North Bar rising. Received in Dept of supplies + acts fresh provision as follows: 39th of bread 48% the each I beef + regulation, all make signal to training station (2,24) Request permission to love sail. Anothers (MI) Refinessing parties - Regulated Sail. Coptain 6. J. Strong left ship on 48 hours leave of absence O.T. packson From 800 am to Mendean Clear and pleasant, hight bruge to light airs from N. H. Barometer steady. Ot. 9.30 the 21.55 Delphin Igot moster way and stood but. Engages in cleaning up the ship. From Meridian to 4.00 P.M. Clear and pleasant. hight to gentle breezes from NE x E to S. H. It. Barometer setady U 130 made July 4826 Constellation, and "affirmation". Furles sail. Engages in bending book sails and vapores work about ship. County Officer U.S.S. New Jox visited the Phip. I or Jordan US N From 4.00 9m to 8.00 P.M. Clear and pleasant. Light breeze from M. S. H. Baromete stady. DE Missegn From 5.00 P.M. to Midnight. Clear and pleasant. Light airs to light breeze from Lientenant USV. John Stuat or Navigutor.

	LOG	ł oi	f th	e Uni	TED STATES	S. S. Esser	N	w	por	Jr. 76	J.,	J.		grid	no del	R	ate,
				Reading		wind.				BAROMI			1 - 1 - 2	State of	Forms of	Clear 10ths.	the Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S
	A. M.				N. N.E	N. N.E	2			3030	70	69	65	be	cum	7	
	1 2				North	"	2			30.31	70	68	65	"	"	6	
	3				N.N. M.	"	1.2			30.32					"	7,	
-	4				N. H.X.N.	Nout	1			30.32				"	1/-	8	
	5				N.ExE	11	1			30.34				"		8	
	7				- "	"	1			30.36						8	
4	8		1		000	North.	1			3037				4	4	8	
-	9				8. S. E. N. N. H.	North	0			30.44	COUNTY		1	u	•	8	
1	10				10 11		0			30,44				"	1	9	
,	Noon.				South	S. Mx 8	1			30.44				Jr. cum			
1	Noon.				74												

Course and distant	ce made good since preceding noon by observations,		knots.		tenths.		
	(Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of O		0	,	"		
	Longitude by chronometer from Forenoon Observation	ns of ⊙	0	,	"		
	(Latitude by		0	,	·n		
Position at 8 A. M.	Longitude by		0	,	"		
			0	,	"		
Position at 8 P. M.	Latitude by Longitude by		0	,	"		
		ha					
Current during the		ine		,			
Error of the Comp	ass by Azimuth O observed at , ship's head		0	-			
Deviation of the C	ompass by Azimuth O observed at ,, ship's hea	d	0		variation used,	0	
Error of the Comp	ass by Azimuth @ observed at , ship's head		. 0	,	"		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's hea	d	0	,	variation used,	0	
Water expended di	uring the preceding 24 hours,		40	7	gallons.		
Water	during the preceding 24 hours,				ü		
Water remaining of	n hand fit for use at Noon,		24	00	"		
Coal consumed dur	ring the preceding 24 hours,		tons	64	40 lbs.		
Coal remaining on		126	. "	168	Ó		

M. 1	SHXS	8.71.	2	30.43 73 76 7/	b.c	ei com
2	.".	,	2	30.4273 76 71	"	. 0
3	21. S. 24.	Nest	2	30.40 73 75 70	"	. 8
4	Hx N.		2	30.40 73 73 69	"	. 8
5	2. N. 2.	. S. H	2	30.40 73 73 69	,	4 8
6	West.		3	30.4073 73 69	. ,	Low
7	Mrs.	1 1 1	2.3	30.41 73 72 69		Freem 6
8	8871	,	2	30.41 73 72 70	fem	In cum 7
9	,,		2	30.37 72 70 69	6 m	1 . 10
10	"	,	2	30.38 72 70 69		- 10
11	,	"	2	30.3873 70 69	ben	- 7
Mid.	4		2	30.3873 7069		str 8

under the command of Sommander Edward 50 Strong , U. S. Navy, , 18 97. Commences and until 4.00 am. Clear and pleasant, Light N. N. E. bruge, at 12.10 W. S.S. Gen Left harbor. Lintenant W.S.M. From 4.00 am to 8.0 m. Clear, cool and plemant, hight airs from St. Barometer rising slowly. Executes morning orders. Received in department of supplier and Accounts 39 th of breas and 48% lbs each of beef and vegetables From 8, am to Meridian.
Clear and pleasant, Calm and light aire from N.
Shifting from S. M. S. B. around resing then stray- Hr. Birk (Set) absent without leave. By order Comag. Officer released from confinement and restored to duly Patrick stay (for) expiration of confinement.

J. J. Jordan, J. N. Jordan. USA From Meridian to 4,00 P.M. Clear and pleasant, high breezes from S. H. to the Hest. New liberty party ashore Mobiline Motheline Luculinant U.S. M. From 4,00 P.M to 8,00 P.M Clear and pleasant, Light to gentle breeze from It to It S. It. Baroneter steady that swing. Receiped on books from 15 Training Station 162 apprehlices, 3 to Class, with necessary papers, tage, and paramorks. John Jordan U.S. R. From 8:00 J.M to Midnight Clear and plearant, light It & M. breeze. Condr. E. S. Strong, N.S. N. returned from leave. Clear, Eslatines (1854. 29) relatives autorian tools broken constitue.

Mille hours onstitue.

Riculturant U.S.M. Lieutemant US.M John Thewar

			Reading		. WIND.				BAROMETE	R. TE	(PERA	TURE.	State of	P	Clear 10ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Air, Dry	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of (Sky, in 10	State of the
A. M.				Sty It.	87	1			30.387.	269	168		b.ew	circu	27	
2				o by no	"	1			30.38 7	169	168			"	3	
3				S. S. M	" .	1			30.38 7	160	68		4	11	5	
5				N. H. X. S. S. S. S. S. S. S. S. S.	It x S.	1			30.39 7	6	768		1"	strat	5	
6				86.0	Variable	0-1			30.3973	1/2	73		b.em	"	5	1
8				146	1"11	0-1			30.387.	274	73		"	cir	53	
9				South	23.55	1.2	,		30.37 7	1 80	77		"	cu	6	
10				" "	8.8.71	2			30.337	1 /	144	-	"	"	67	1
Noon.				1,	4	2			30.327	70	71		"	"	2	13

Course and distance	e made good since preceding noon by o	oservations,	knots.		tenths.		
	(Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of O			,	"		
	Longitude by chronometer from Fores	noon Observations of O	0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by			,	"		
			0	,	"		
Position at 8 P. M.	Latitude by		0	,	"		
	(Longitude by						
Current during the	time, knots tenths per h	our, setting to the					
Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	-
Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,	"		
	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	
	ring the preceding 24 hours,		50	10	gallons.		
Water	during the preceding 24	hours,					
	n hand fit for use at Noon,		190	0	"		
	ing the preceding 24 hours,		tons	24	b lbs.		
			tons	144	0 .		
Coal remaining on	nand at Noon,		, 00				

P. M.	8.1.4	871	2	30.3/ 73 76 7/	b.c.m Ci.	8, 3
2			2	30.3/13 8/ 54	" "	4
3	8 21	M. by S.	1	30.3/ 73 79 73	" "	5
4	821.42	north	1	30.30 74 80 73	" "	5
5	N. N Of H	"	1	30. 28 73 77 70	b.c "	6
6	1.21	"	1	30,23 73 74 70	1 200	cum 4
7	NAN	. Hest	1	30,20 73 72 69	11 1 4	3
8	ESE	,,	/	30.25737/69	4 4	2
9	1.8	4	1	30,25 73 70 70	2.cm "	5
10	SE by S	,	0	30,25746968		1
11	Soulet		0	30.25 72 67 66	" "	5
Mid.	SSE	"	0	30.2472 66 66	" "	5

under the command of Commander & S. Strong Sunday August 8th , U. S. Navy Commence and until 4.00 am. Jair-plearant. - Heavy dew. - Light aire from S. A. But to their Ensign From 400 am & 8.00 am.
Calm and pleasant light for over the land late part of watch.
Calm and light variable lains Baromete straty. Received on
trace in Alphriment of Supplies and accounts 101th of breat and
126/4 lbs. each buf and vegetables. J. N. Jordan Lieut From 8.00 am to Meridian

M. 9.30 mustand at quantized - algent without leade from S.S.M. to S.W.

John L. Elleworth (see At 10.20 held diring service Hereined official
visit from adjutant of army Book on parts of the County.

Milye Witheline NIN Meridian to 4.00 9.M. Cloudy and warm, Light airs and light bruges from Six and Nil In Muciany Ensign From 4.00 to 8.00 J.M. Jain to Cloudy, light, aris from H. S.H. to the Heat Shanfund to U.S.S. New york class Effe (Ch. D. M). I J. h., Elsworth (sea) relationed on to and To his. over time

Mothelup From 8.00 P.M. to Midnight. Cloudy: pleasant. heavy dev. hight aire from Hest and calmer, at end ridding to flood, Gas, M. Ticenga. The H. Nacuras John Jo Thursd Nacigator.

			Reading		WIND.				BAROMI	ETER.	TEME	PERAT	URE.	· contract	-	Hear the.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	* by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the Se
A. M.				86. by S.	1.8	1			30. 23	72	67	65		f.c.n	Oci em	26	
2				South	"	0.1			30.23					"	,	6	
3				4".	, , ,	0.1			30.23	71	67	65		"		7	1
4				S by It	S. M.	1			30.20	21	67	65		, 1	1	7	
5			,	76.021	Variable	0.1			30,20	71	68	68		homen	•	6	
6				n.n.E.	,,	0.1			30,19	71	68	68		4. c.m	eisus	5	
7				0"0 01	, ,	0.1			30.19	7/	73	71		"	gr. cun	25	
8				Sof M.	Megt	1.2			30.19	72	74	72		1.	"	4	1
9				Sby It	S. H. by H	2,3			30.19	20	73	7/		"	"	5	100
10				South	10,	2.3			30,19	20	76	72		"	4	4	
11				Sty 2	S. 21	3			30,19	7/	74	20		"	"	4	
Noon.				1,		3			30.19	172	74	20		',		6	1

Course and distant	e made good since preceding noon by	observations,	knots.		tenths.
	(Latitude by D. R.			,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ①		•	,	u .
	Longitude by chronometer from For	renoon Observations of ②	0	,	"
	(Latitude by		0	.,	n
Position at 8 A. M.	Longitude by		0	,	- "
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		. 0	,	"
Current during the	e time, knots tenths per	hour, setting to the			
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	,	
Deviation of the C	ompass by Azimuth o observed at	, ship's head	0	.,	variation used, o
Error of the Comp	ass by Azimuth O observed at	, ship's head		,	u ,
STATE OF THE PARTY	ompass by Azimuth O observed at	, ship's head	0		variation used, o
	iring the preceding 24 hours,		500		gallons.
Water	during the preceding	24 hours,			"
Water remaining o	n hand fit for use at Noon,		1400		."
	ring the preceding 24 hours,		tons /25 "	176	O lbs.
Coal remaining on			125 "	192	0 "

d.	SH x S.	871	3	30.23 74 70-70	b.cm zoir 6
2		4	3	30.26747670	" , 5
3	0 * .	4	3	30.21747670	" " 5
	8 21	,	3	30.16 75 76 72	20, cm 6
5	."11		. 3	30, 13 70 75 70	. 0 . 5
6	It by s	Hest	2	30.18.747270	, ,
7	1.	,	2	30.17 74 72 70	4
8	1. 8. 21		2	30, 16, 73 71 71	" 6
9	1.5		2	30.1975-7/69	1
10	1.6	1:21	1	30,19747169	" 5
11	0"		1	30/9747068	i hount
id.	South	Hest	1	30,18736968	1 1 7

under the command of Commander & J. Strong. , U. S. Navy, Monday aughst 9th , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4,00 am Jair, and pleasant. Calm to light variable airs, Barometa falling. O.P. Lucken Ensign From 4.00 am. to 8.00 am. blear to fair. light variable aire. Executed morning orders. Received in Dopt. S. t. 101 lbs. Buad, - 126/4 lbs each of beef and vegetables. Mithulane HSM From 8.00 am to meridian gas, pleasant hight to gentle breeze from Ith by It. and S. H. Server out overhims to boys. Received in Pay Deputsment 100 pro. of leggins. Commanding officer of Commentation called on Commanding officer. U.S. Surelan came in. about without leavel 3th Sin (Ruman) Meridian & 4,00 P. M. Jair and pleasant - Sinte bruge from S. St.

Bigrameter falling - The U.S. J. Borter stort down the livery and out; the Dup but before down the mer and returned later. The Commending
Officer visited the USS few fork Michaely - Mustre Affrenties at a
Saltons for looging and farling sail L at 32 signature to training
station (95) Luff 6071. Em Offirmative.

Office Star O.P. Jacking From 4,00 to 8.00 P. M. Cloudy pleasant-gentle to light breezes from S. H. Mest and It by Sund workle and crossed royal yis. Matinet toys for frozing, and furting sail Gro. It. Triggens, During From 800 3 M to Midnight fair and pleasant. Bright mornlight. - dight bruger to light variable airs star stady O.P. Jacking John W Shout Navigator.

J. S. Essex-Newport R. d.

3 20

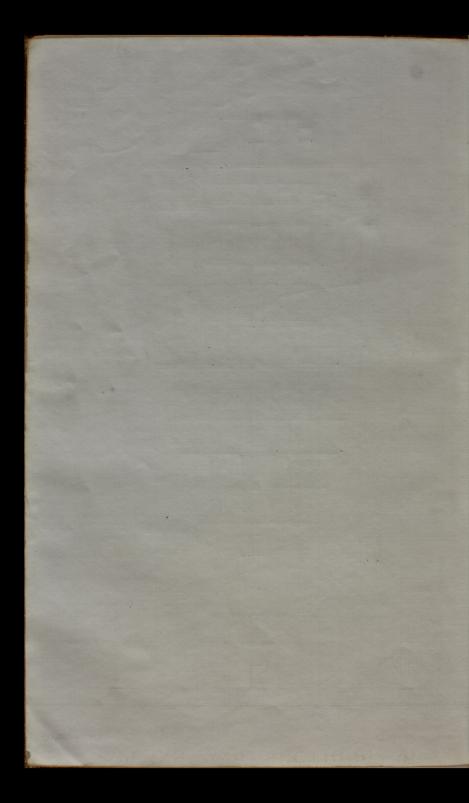
Rate,

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			Bear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Ch Sky, in 10th	State of the
A. M.				1x6.	#87	1			30,17	72	-69	68	-	bem	cu	6	
2				South		1			30.16	72	69	68		"	,	5	
3				,	Calm	0			30, 10						"	5	
4				"	21 8.21	1			30. 15					4		6	
5					calm	0			30,/3	71	68	68		"	cum ph	-5	100
6				nout	,	0			30.12	71	69	66		4	4	4	
7				nxx	"	0			30.12	71	72	71		"	In our	15	
8				n.n.E	111 1	0			30,14	72	73	72			o strat	4	1
9				S.E	8 24	1			30,15	73	74	72			4	4	
10				0 10	00 .0	1			30,15	72	74	72		4	4	4	
11				8.8E	South	1			30,15	73	75	71		A		4	
Noon.				"	и	1.2			30.14	72	75	72	200	t.c	fr. cum	44	

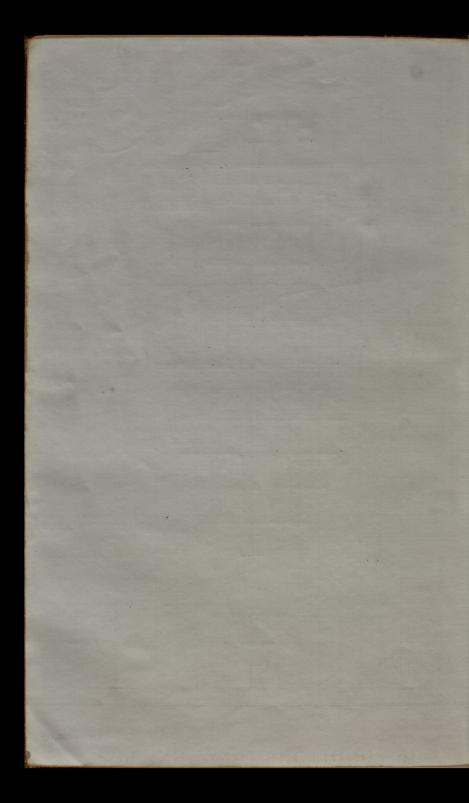
Course and distant	re made good since preceding noon by observations,	knots. tenths.	
	(Latitude by D. R.	. , "	
	Longitude by D. R.	0 , "	
Position at Noon:	Latitude by observations of ⊙	0 , "	
	Longitude by chronometer from Forenoon Observations of G	9 , "	
	(Latitude by	0. / "	
Position at 8 A. M.	Longitude by	0 , "	
	(Latitude by	0 , "	
Position at 8 P. M.	Longitude by	0 , "	
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o variatio	n used, o
Error of the Comp	ass by Azimuth O observed at , ship's head	0 , "	
Deviation of the C	ompass by Azimuth O observed at , ship's head	o , variatio	n used, o
Water expended du	aring the preceding 24 hours,	500 gallons.	
Water	during the preceding 24 hours,		
Water remaining o	n hand fit for use at Noon,	900 "	
Coal consumed dur	ring the preceding 24 hours,	tons 800 lbs.	
Coal remaining on	hand at Noon,	125 " 1120 "	

P. M.	S. by E	South 1/2	30,1	2727571	l.c	In en	4
3	Solit	" /	30/	11727473		4	4
3.	888	" /	30.	9727470	*		5
4	1	2	300	17727469	"	4	5-
5	S.E by S	SE by 8 2	30.0	1727469	4	".	5
6	" (1 2	30,0	6727169		2 eu	5
7	8.88	" /	30.0	8727069	- "	0 "	4
8		" /	30.0	26727069	,,		4
9	Ex N	1	30.0	13 71 70 69			1
10	SEXE	2	30.0	13 72 69 68	oc	nin	0
11	8.88-	, 2	300	12,72 69 68	be.	ou	4
Mid.	88	2	30.0	12726968	4	4	2

, U. S. Navy, , 18 97 2 Copper measures 2 From Ladles 10# Brass wire Thermoneles 6 Tube brusker, 1 Sex Twist drills Leasant, light DEFellenz Ensign 25th Black lead 1 . murialie and 12 Braw pluga 20 Han gang ca, Nawaya Ensign 2 Ratilex drills 1 to Times chear and freezer 1 Bibly coeky 12 Gauge glasser arters and in Deft of 13 Hack care Hades 2 Burl, Channal 10# Olagon steel. 'In Eneign Bening and american play at the fate. Received store at per the fate of particles for sail desitted From 4.00 P.M. 6 8.00 P.M. bloody and pleasant dight aris to light breeze from S 6 by S - Exercised applications at loosing, jurling and making paid to Royal's O.P. preserving. From 8.06 P.M. to Mednight. Cloudy, cool and pleasant. - hight airs to light bruge from S. E by S. - Barometer strady Affellows Energy John Stewart Navigator.



, U. S. Navy, Reed in CAR. , 18 97 20 # Iron ent mails 2 Poras door knots 2400 Bras servery 24 Foot Landles (amitta) Leasant, light 1 Px Liquid brouge DE Ensign 6 Sq. files 4" 1 Sex Stock & dy Es 24 Chirel Handler 6 Claw Lammen 2 Riviting " I Hack our frames W. Warrayor Busign 1 Rip and moukey would vand fregger 4 F Paint brushes carters and Times chears Und cocke Carpenter companies I in Dest. of 3 Drawing Knives 2 26. SS Furitam Caneking mallets Joseilas places Jack " et in Eneign Carpenters purcen June with the Saminican Hay at the John. Received stone as per glist - at 3 22 called fall the appointions for said deill the appointment for said deill the appointment of said deill the appointment of said deill the appointment of the said deill From 4.00 P.M. 6 8.00 P.M. bloody and succent dight airs to light breeze from S & by S - Carribed apprentises at loosing, furling and meking paid to Royal's . O.P. presone From 8.00 P.M. to Midnight. Cloudy, cool and pleasant - hight airs to light bruge from S. E by S. - Barometer stady Affellows Energy John Stewart Navigator.



U. S. Navy, Inesday August 10 th 1 , 18 97 Commences and until 4,00 am Jain, evol-aire from H. S. H. - Barometer steady. and flearant light DEFellow Ensign From 400 am to 800 am Cloudy, Calm, - Hann In W. War ago From 8.00 am to Meridian: Fair and pleasant-dight aris and freque from S. M. Bar. steady. At. 9.00 mustires at quarter, Mr. Birs (ha) should without leable. Easter at Fire Luarters and at Stations for abandoning ship. Senter shell woom. Hen worker and found them in grow working order. Becived in Dept. of Julphies and acels. The fellowing Jeesh provision 19 ft. S. Puntan beled. - 126 /4 lbo. each of beef Jans vegetables, The U.S. Suntan stood out. OPtackin Emign Meridian & 4,00 P.M Cloudy and Juanant - Light Southerly arie. Barometer strady at 12. of the Hear Joyn Time has called July 19 gens with the dimerican play at the John. Received stone at penglish. - at 3 22 called all the appointment for sail dailly the appointment for sail dailly the Enign From 400 P.M. 6 810 P.M. bloody and pleasant dight aris to light breezes from S & by S - Carribed applications at loving, furling and making paid to Royal's O.P. preson From 8.00 P.M. to Midnight. Cloudy, cool and pleasant. - hight airs to light breeze from S. E by S. - Barometer stady Affellows Ensign John Stewart Navigator.

10000						-			-								100
			Panding		WIND.				BAROME	TER.	TEMI	ERAT	URE.			Hear ths.	o Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.				688	€.S.E	1			30,00	71	69	69		f.c.	ou	5-	
2				18	10	3			29,99	71	67	67		0.c.m?	"	3	1
3				.,	u	2			29.98	70	66	66		,		3	
4				"	"	1			29.98	69	66	66	,	0. c, m	"	4	
5				14 0	"	24	-		29.95	69	68	68		0, C. m. d. 9	mine	0	100
6				SEXS	4 ,	2			29.93	69	68	60		oe m. d	4	0	
7				East	tast	2			29,93	6.9	60	68		o. cm. s	- "	0	
8				NE	-40	23			29.93	69	68	68	,	1. C.m	4	0	
9				1	6.80	2			29.93	70	68	68		o.c.md	. "	0	
10					"	2			2999	70	69	68		o. cm.s	4	0	100
11				688	,	2		-	29.97	70	67	67		. "		0	100
Noon.				14 7.00		2			2995	70	66	66		"	*	0	

Course and distant	ce made good since preceding noon by observations,	knots. tenths.
	(Latitude by D. R.	0 / "
	Longitude by D. R.	0 / "
Position at Noon:	Latitude by observations of ②	0 1 11
	Longitude by chronometer from Forenoon Observations of ⊙	0 / "
	(Latitude by	0 / //
Position at 8 A. M.	Longitude by	0 1 "
	(Latitude by	0 / "
Position at 8 P. M.	Longitude by	0 1 11
Current during the	e time, knots tenths per hour, setting to the	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 (,
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	variation used,
Error of the Comp	ass by Azimuth @ observed at , ship's head	0 , "
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	variation used,
Water expended di	aring the preceding 24 hours,	400 gallons.
Water	during the preceding 24 hours,	
	n hand fit for use at Noon, '.	500 "
	ring the preceding 24 hours,	2 tons 2080 lbs.
Coal remaining on		122 " 1280 "

P. M.	00	- 10			1	nimb
1	8.8	8. S.E	//		7 b, e. w	cir sum 2
2	"	"	2	29.967172:	o fem	pr. eum 2
3	Sout	,	2	29.9/7/737	0 " "	" 3
4			1	29.9/12 77 7	16 "	" 8
5	S. by H	SSM	/	29.9/73 747	2 "	fr. cum 6
6	88121	4 .	01	299/74737	1/ 6.0	1 6
7	2182	8.71	1	29.9273717	0 "	4 2
8	H. by S	"	1.2	29,9473 70 6	9 bent	mint 4
9	N. 864 24	calm	0		9 boml	1 4 7
10	East	South	1,2	299173696	8	" 7
11	5.24	West .	1	29.9172696	8 f.c	" 9
Mid.	8.8.8	It. by S		299171696	8	, 9

under the command of Commander Edward J. Strong, U.S. Navy,
Nednesday August 11th, 1897.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4,00 am.

Cloudy, misty-foggy fast how-Light airs to gentle breeze from E.S.E. Starler fog I will at 3,00 for the proper of the 1. The customy short out at 3.12 (Wercast misty-saving last three hours, Dranger, strady-hight to moderate breeze from E.S.E. and East, - The Customy strady-hight to moderate breeze from the total out and the Existent and Stellette. stored up for the formal of Supplies and lector, first provincing as follower the boiler C. for destilling Ensign

Meridian to 4.00 J. M. Planant and hazy - Light airs to light treeze from E. S. E. Barometa pleady then falling - Dawries appentions at morning. For making and schoolening sail - By order tomby This was this day declaret a descript from this schip and the staral dervice. - Pay Director Caspar Brink, N. S. t. inspector Paymaster accounts only board this schip

Jet Inden

Lieutenant N. S. A.

From 400 P.M. 6 8.00 P.M. Jair and pleasant, - Light airs from 8 H Barometer riving slowly - Rigger in and secures all boats for sea except the designly - Golf lower brome alongside and inchipse both accommodation pladders

From 8.00 P.M. to Midnight. Pleasant bright mornlight hay around hongon frost part of gratish-lightning to S. It. Calm and light and to light breeze poor Examined and found to be corrected fashing them altacly

John Winter ant, Mit

Passage from Newport R. S. to Plymouth. Eng. Height in inches. Afr., Water at Surface. A. M. 2991717069 2991716867 2991706867 2991706767 29918696166 2998697069 2998697069 b. c.w oir com 13.4 30.04696966 20.6 0 26.2 S. H. by H 30.09 70 71 68 61 31.5 27 knots. 41 ° 0 Course and distance made good since preceding noon by observations, 55.2 Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of O 0 20, Position at 8 P. M. Latitude by P. M. Jugar nurve Longitude by P. M. Jugar nurve Longitude by P. M. Jugar No. 0 4.00. knots _ tenths per hour, setting to the Current during the time, Error of the Compass by Azimuth @ observed at 7 2 39, ship's head Deviation of the Compass by Azimuth ⊙ observed at 7-39, ship's head , ship's head Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, 500 during the preceding 24 hours, 1100 Water remaining on hand fit for use at Noon, tons /200 lbs. Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, Hest 88/28 30.09 70 726969 3 38,2 30,13 7/ 73 70 69 5 2 42.7 5 0 52,3 30,07 72-74 71 68 30, 10 72 73 70 68 30 13 73 73 70 69 0 56.5 30/273727070 30/273717069 30/273697069 0 61.2 3 4 6. 65.8 3 4 4 70.2 20 30.21 73 70 69 69 4 5 74.5 4 0 18.5 4 0 82.5 30.21 73 70 69 69 30.22 72 70 69 69 11 2/3 Mid. 5 0 87.5 30,23 72 71 70 69

Commander & Strong. Thursday august 1/2ct. , U. S. Navv. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4.00 am. Clear and damp - Light aire from S. St. Motherline Lientenant US. N From 4.00 am, to 8.00 am. Clear- cool and pleasant- Senite to light breezes from A. M. to S. H. Barometer rising It 62 called all hands "unmoor chip" get ander way and stord out of the harbor- Captain at the Coun. It 72 put out falint log rehding 13 and set occurse & 6/2 & - Brentonio Reef dightable bearing I.E. I dratand 1/2 mile. Under steam in voilers 13.0 and 2. Executed morning order. - Overage steam pressure 55 Revolutione 3 9- Aranght of out Journal 14: 6" - aft 16-10/2. From 8.00 am to Meridian Clear and pleasant-Sende to moderate breeze from St to Strat Barometa trising- Stering a course SE/x S under pleam alone at 9.2 stapped steaming, bancher fires period plea propelly, and made all vail to robale except mansaid - Indirector followers Dowder Division in nagazifes and ammunition, 1st Division Break June, 2nd ditto - 3nd ditto. Often Dowder Division bignales fewered sail in sight diving walch. Markaio Vineyard in sight on post ream any quarter W. Attam fressure SS lbo - W. Nevolutions 39 J. M. Jordan. USM Meridian to 400 J.M. Clear and pleasant- Sente Heaf breeze - at 1,30 stationed boats crewe for arm main topmast- slay saile + at 310 pet them - second period instructer boys of watch in runing gelar by parts of ship - at 3th pet out pat by still suite reading o 10 Hulune dientenant USA From 400 P.M. to 8.00 P.M.

A Lair- Gentle bruge from West diminishing in force - Smooth sea - Bar used aneroid strady:

All 12 took in the poyals and flying git. We end under plain sail to top galland salls - except maginail Japon in addition the fore main and brigger top mast staypails - sighter the light of two stamess to Sid and High last thorn.

Show M. Williams The Tr. Williams Ensign From 800 P.M. to Midnight.

Gentle breeze from St. by The Bar rising at rising at mile to watch under from pail to top gallant kails and for main o midgen top mark playack to the course St. 18 . Examined and town for correct.

St. 18 . Examined and town for correct. John Stewast - Navigator.

LOG of the UNITED STATES J. S. Esser. Weaking passage from Trumport R. I to Plymouth Eng.

													STATE OF THE PARTY.
	WIND.				BAROME	TER.	TEMP	ERAT	URE.			Hear ths.	Sea.
Reading of COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the S
1906 86 1/2 8	S. Hx H	2.3			30, 22	72	72	70	70	b.c.	In en	6	8.
95.4	,	3			30.21	73	72	70	70	b.	0 -	10	"
997	"	23			30,21	73	72	71	70	"	-	10	4
3.3	,	23			30.23	73	72	71	20	6.c	en	9	4
7.4		3			30.24	73	72	71	70	bemn	1	6	4
10.9	non	3			30.26	73	73	71	20	b,c		6	"
14.5	Hest	3			30.29	73	74	72	70	"	"	6	"
1 18.6	· N. H	3			30.29	73	2-	73	70		In eum	5	,,
23,2	ANH	3			30.32	73	72	67	73		1 shar	5	"
7 2.81		3			30.35	73	71	68	73			6	
257	M. St. N	3	10		30 34	73	72	67	73	,	"	6	4
	4	3								,,	cum	8	1
32.7	**************************************	m'H×N	" M"W x N 3	m'yxx 3	m'yx x 3	m'H x N 3 30.34	" M'H x N 3 30.3473	myx x 3 30.347372	m'Hx. N 3 30.3473 7267	myx 1 3 30.3473 7267 78	mixxx 3 30.3473726778	myxx 3 30,3473726778 "	m'yxx 1 3 30.3473 7267 78 " 6

1014	
Course and distance made good since preceding noon by observations, S. V by	//8 knots. tenths.
(Latitude by D. R.	40 002. " 1
Longitude by D. R.	169 .10. " It
Position at Noon: Latitude by observations of ©	40.01. " 1
Longitude by chronometer from Forenoon Observations of ⊙	69 ° 02. " W
(Latitude by Dox.	40 .06. "N.
Position at 8 A. M. Longitude by	69 . 22, " 24
(Latitude by O.C.	40,0/, " N
Position at 8 P. M. Longitude by P. M. obs. 0	68 ° 26, " H.
Current during the time, O knots tenths per hour, setting to the East	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, °
Water expended during the preceding 24 hours,	500 gallons.
Water distiller during the preceding 24 hours,	1400
Water remaining on hand fit for use at Noon,	2000 "
Coal consumed during the preceding 24 hours,	2 tons 560 lbs.
Coal remaining on hand at Noon,	116 " 1760 "
Cont remaining on many at 1100m,	

P. M.				0								1	20		0
1	4	0	41.0	6. by S.	N. M	131	30.347		72		73	6.6	cum	9	0
2	4	5	45,5	1,	,	3	30.357	72 !	72	67	75		"	9	
3	2	0	47.5	"		3	30.36 7		72	67	か	,	"	9	
4	3	0	50.5	,	"	3	30.37 7	73		67		"		9	4
5	2	5	53.0	,,	" "	23	30.317	13	73	69	76	4	"	8	,
6	2	0	54.3	,	. H.S.	23	30.29 7						2.	7	
7	4	0		"	n. 8 %	3	30,267		72	68	77		fr cu	7	"
8	5	1/	54:7	"	SHXH	3.4	30.267	74	73	68	77	,	".	8	"
9	4	54	63.0	€. S. E 3/4 €	"	3	30.3/7	75	73	69	7/2	,	In cum	7	,
10	5	2	68,2	","	" 1	4	30.3/7	75	73	69	77		9 "	6	,
11	5	3	73.5		It but	4	30.3/ 7	75	73	69	77		"	6	"
Mid.	5	1	78,6	. "	West	4	30.317	75	73	68	76	,		6	4
						1									

under the command of Journander & S. Strong. , U. S. Navy, Friday August 13 th , 1897. Commences and until 4.00 am. blear, - cool- pleasant- highs to gent buege from S. M. by H. Bar swady Under all plain sail to toppellant sails and fore. main and briggen topolast slaysail and main topsail - Directing. From 400 am to 8.00 am Stering a covere SE /r S. hunder Sante breeze Jum S. M. M. to S. H- Barometa rising stering a covere SE /r S. hunder same eail as preceding watch - at 6.4 act projects and flying pit- at 74 Lauler down main top mast staysail - Two stamers and as Jechooner in sight during watch J. S. Jordan, K.S.A. From 8.00 am. to meridian, Jan to clear. Jende that to to It at me breeze-Bar high and strady. Ot 100 changed course to E by S. It. 28.1 (fort). At 8.10 took in main & might topmast playagely main topail of sprinker and at 10-214 them again - at 932 musland at quarters then exercised at general granters. At 10 is varietied fire quarters and at and on ship- Dies tanked to Jast Steping outland part with the Free Steping outland part Lientenant U.S. A. Meridian to 400 PM

Jair and pleasant - Sente A: H. heeze - Smooth sea - Bar, rising along-Temperature of well rose.

There degrees obering watch-Bent mainsail \$2.10 took in main and muzzen topment staysail to the top for the main and muzzen topment staysail to Argan and spanker. At pine of limber spain to pail to Argan and flying gibt - on course liby d. - A owner smoker pipe - Sine dying out - Bent original and previous property of south of main topped and previous from the main topped and previous out - Rock of new once.

There girned burned out - Rock of new once. From 4.00 J.M. to 8.00 J.M.

Dair and pleasant-light to moderals breeze from 11. to S.M. by 11. Bar. falling
Ot 64 all spanker, main trysail, main and miggen topm but stayearlo. At 72 took in surfale
and flying intracreased (myel gardner at purpose manual topearle. At 5, 15 octos are
hands I also secretary at reefing topearlo. At 6, 10 habiled il patent log reading 54.7 pour it over sails (except mainsail) and main + migen topment staysail + main trysail O.P. Lack & Brough From 800 P.M. to Midnight by S. and It last half of wald. B. arometer steady - at 8. ce changes course to 8. 9. 5 %. E. The paper to the main Stopment stays all - at 9 4 the main typail one at 11-80 took in the spanker and minen topmas staysail and squared the yards. At my I watch ship in course E. S.E. 3/4 E hunder all plant sail to top gallant (sails sacept mains all and shanker mainsail and spanker Examined and found to be correct. John Stewart Navigator.

					WIND.				BAROMI	ETER.	TEM	ERAT	URE.		Forms of	Clear 10ths.
Hour.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of C		
. M.	4	8	83.4	ES. E 3/4 E	Hest	4			30.3/	74	72	68	77	be.	In our	8
2	5	0	88.4	"	. 11.	4			30.30					"	0 "	8
3	5	1	935	,	It by A.	4			30.30	74	72	68	75		4	8
4	4	5	98.0	"	0,,	4			30.30					, 1		8
5	4	4	2.4	4	,	4			30.3/					"		6
6	4	4	6.8	"	4	4			30.32					"		5
7	4	3	11.1		4	4			30.33					"	2 .	5
8	4	6	15.7	4	4	4			30.34					4	fo cum	3
9	5	1	5./		•	4			30.35					"	fr. en.	0
10	5	5	10.6	4	"	4			30.36					"	"	3
11	5	7	16.3	"	. ,	4			30.88					"	"	6
on.	4	9	21.2	"	"	4			30.07	76	80	75	80	"	1,	7

Course and distance made good since preceding noon by observations,	8 1/12 knots, tenths.
	39 0.57, "
(Latitude by D. R.	39 03/1"
Longitude by D. R.	66 0 43, "
Position at Noon: { Latitude by observations of O	39 049, "
Longitude by chronometer from Forenoon Observations of ©	66 0 37, "
DP	39 .57. "
Position at 8 A.M.	10 41
Longitude by	6/004, "
(Latitude by D. C.	3'9 . 49. "
Position at 8 P. M. Longitude by P. M. obe, O	65 . 42 "
Current during the time, knots 4 tenths per hour, setting to the	3.89/8
	0 / variation need 0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o /
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 / 1/
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used, o
Water expended during the preceding 24 hours,	5 ⁻⁰⁰ gallons.
Water distilled during the preceding 24 hours,	1200 "
Water remaining on hand fit for use at Noon,	2700 "
Coal consumed during the preceding 24 hours,	tons /760 lbs.
Coal remaining on hand at Noon,	116

	D 14							
	P. M.	4	4	22.6	E. S. E. 3/4 E E. by S.	It by A	4	30.38 77 80 74 80 b.c. fr. cum 6 L
		5	2	31.9	1.	If by A	4	30.37 77 80 74 81 " 1 " 6 "
			0	36,9	,	4	4	30.37 77 80 74 81 6 .
	4	4	6	41.5			4	30.37 17 79 74 81 6
	5	5	1	46.6	,, .	It by A.	3	30.36 77 79 74 81 " . 7 .
	6	3	9	30.5		0.	3	30 38 78 76 75 80 8 5
	7	3	6	54.1	4	',	3.2	30.3878 76 72 80
	8	3	4	57.5			2	30.38 78 76 71 81 " 8 "
	9	3	6	57.5	,		2.3	303979767177 6 . 10 ,
	10	2		63.9	,	n. s.n	2	30.4079767/77 1, 10
0 %	11	2	6	66.5	,	A. M. X M.	2	30.40 78 76 72 77 b.c. fr. cu 9 "
July	Mid.	1	6	67.4	"	nxx	/	30.4078 76 72 77 " 9 "

Commander & J. Strong. Laturday august 14 . , U. S. Navy, , 18 97. Commences and until 400 am. blear mornlight. moderate bruge from It to Hx N. Barometer steady - hong swell from Si- Steering a course & St. 4 to under segmen sail to top glellants sails, (except mansail) and jet.

J.N. Fordan. H.S. dienterant U.S. Lienterant U.S.A. Sim 4.00 am to 8.00 am.

Tain and pleasant. - Moderale HXV breeze. At 4.45 set royale backled morning orders. Dushed forward bilgue. At 800 put love still. Jak. log reading 0, and hauled in post fak. log.

Mothere MS.18 From 800 am to Meridian Forderale breeze from M. by N. Under git and square sail to royale except man sail - On course & S. E. By E. - Bar stady. H. Heiseine Ensign Firm Meridian to 4.00 P.M. Dair and pleasant - moderate breeze from It. by t & It. It Barometer steady - 26 12-15 changes course to E by & (I. h. 2266) Under jit and all square said exhipt mainsail - Timisher distilling at 12.00 and let files die out. O.P. Jackson Ensign From 4.00 9 M 6 8.00 P.M. Clear cool and pleasant - Jente to light bruge from the by it. B. arometer setally - Ot 7 to took in my ale morn from at 7 200 af end of water under all plain said to topgallant sails except the mainsail and apanker. - On course 5 by 18. Defelling Ensign From 8.00 P. M. to Midnight. Clear any pleasant-fight to gentle breeze from H. by N to N. M. x H. - Barometh rising then steady - Steering a course of E. by S. under same sail as preceding watch - at go set y sity. Clear of manusail J. N. Jordan, Trentinant U.S.A. John Wollington.

			Reading		WIND.				BAROME"	TER.	TEME	ERAT	URE.			lear ths.	Sea.
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S
A. M.	1	4	chip	£ 4 8	H. by S.	1.2			30.40	77	75	7/	71	h.c.	Jr. cum	4	8
2	2	2	"	a.	0,,	2			30.40	77	25	71	77	"	,	5	+
3	2	4	"		, ",	2			30.40	77	25	7/	17	"	"	6	
4	2	6			8 24	2			30.40	77	75	71	77	"		6	
5	2	5	"	,	S. St. 7 1.	2			30.41	77	75	72	77	"	1	5	"
6	1	6			21.8.11	1-2			30.41	77	75	72	77	"		6	
7	1	5		0:0-	, "	/			30.41	77	な	72	77	"	In cum	2	4
8	10	3		1.18	6. N.E	1.2			30.41	77	78	74	77	"	,	7	4
9	0	5.		Elyd	variable	1			30.41	72	75	73	79	"	"	9	4
10	1	0		0"	0"	1			30.42	77	81	78	81	"	,	9	"
11	1	0	,,	ü	South	1			30.43	77	81	74	81	4		9	
Noon.	1	1	4	"	ShE	/			30,44	77	81	74	81	1,	"	9	1.
110011.																	

Course and distance made good since preceding noon by observations, &	63 knots. tenths.
(Latitude by D. R.	39 · 49. " N
Longitude by D. R.	65 013. " #
Position at Noon: Latitude by observations of O	39 . 48. " N
Longitude by chronometer from Forenoon Observations of ②	65 0 15. " 1
(Latitude by D. R	39.49. "N
Position at 8 A. M. Longitude by	65.21, "7
(Latitude by D. R.	39.49. " N
Position at 8 P. M. Latitude by D. R. from P. M. of 0	64.49. "
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth O observed at , ship's head	0 /
	o variation used,
Deviation of the Compass by Azimuth © observed at m. 2m., ship's head	9.00.4 "
Error of the Compass by Azimuth O observed at 3-44, ship's head	5 . 00 . E variation used, 140 00 . 7
Deviation of the Compass by Azimuth ⊙ observed at J. 45 , ship's head #	500 gallons.
Water expended during the preceding 24 hours,	200 "
Water distilled during the preceding 24 hours,	2400 "
Water remaining on hand fit for use at Noon,	
Coal consumed during the preceding 24 hours,	tons 800 lbs.
Coal remaining on hand at Noon,	115 " 1440 "

P. M.	1	6		Ex8	Sout	1		30.44	78	81	26	82	t.c	cir	8	8
2	1	6		,		1		30,44	79	82	25	83		"	8	4
3	1	2		,		1		30.42	790	82	76	83		4	7	4
4	1	6		,,		1		30.40 8	80 8	82	76	83	.,	eis	7	4
5	1	5		,	1 " 0	1	1/2	30.40	79	81	76	83	"	"	7	4
6	1	4		€. N. E.	S.E. x.S	1	1/2	30.39	79	80	76	81		4	6	,
7	2	3	67.4	ExS.	SXE	2	1/2	30.38	79	80	76	8/		cu. cum	5	
8	3	0	68.8	E. 3/4 S.	- "	2,3	1/2	30.38	80	80	16	81			4	
9	3	7	72.5	Em S.	Shit	2.3	1	30.40	81.			81			5	,
10	2	5	75.0		valiable	1-2		30.40 8	81	78	72	80	06		4	4
11	2 3	1	77.1	"	S. by H	2		30.40 1	8/	77	71	79	"	,	4	1
Mid.	3	9	81.0		1.	3		30.40						.,	4	

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commence and until 4.00 am land to S. H. breeze- Under jet + ggnace sail to top gallant sails except part elen of mainsail - at 1.00 haules up settis, cleb and set fort elen of manadel - at 12. haules in pat lig.

M. Werdene W. S. N.

Show 4,00 My to 8,00 Mm.

shifting to E.V. E last hour - Set royale at 4.30, flying git fore main and mingely topmast slayoute and spanker st 7.50 + lat englunder air sall except main tryeast - heading S. by H. without spange way sall except main tryeast - heading S. by H. without spange way.

From 8.00 am to Meridian
Clear and warm - hight variable to S'ly airs - Barometes riging. At 8-15 took in spanker and of the state of migran topmast staypail - act them at 11-40 Iron 10-30 close handled on starboard Neach. Course E. by 2: berely making it. Al 9-30 went to Luarleto affect Captain imposter creek and shift. Hell Olivine beries - At end of watch under ale plain sail to royale of fire main and migran topmast playeaito.

Description of the stay and the plain sail to royale of factors.

Brigan topmast playeaito.

Meridian to 4.00 3 m. Clear and warm - light airs from Sout-Barometer facing slowly - Under all plain sail, any fore main, and miggen topmark of Stayslails, On course E by S. Thellow

From 4,00 J.M to 8.00 J.M. Deparant - hight airs to gentle briege from S. to SEXS. - Baromelot failing them steady - Stering at course E. XS and by the wind on still. tailly under same sail far preciding watch. My took in any furled royale and flying get - but sail in eight standing to the E. ..

From 8.00 P.M to Midnight Jair. - high airs to gent breeze from Sx H. about 10 two or the heavy showers passed and winds was variable for a short time, then came out so before agreallo Barometer steady M. Helme

Lieutinant U.S.N.

Examined and found to be correct.

John Witawart filmt - Navigator.

					11	1	-						4			J		1039
				Reading	,	WIND.				BAROMI				TURE.			lear ths.	Sea.
Home		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl. Sky, in 10th	State of the
A.	M.	2	8	81-0	8,8	SxH	2,3			30.40	81	79	74	178	k.c	le en	8	8
	2	3	1	86-9	4	,	3			30.40	81	79	74	78	t.c.l	6	9	
	3	3	6	90-5		,	3			30.39	80	79	75	79	"	"	9.	11
4		4	0	94.5	. 4	0" 1	3			30.36	80	79	75	78	,"	1 4	7	4
1	2	4	3	98.8	"	South	3		1/2	30,38	80	79	75	78	t.c	fr cum	5	
(3	4	8	3.6		4	4		1/2	30.38	80	79	75	78	1	"	5	
1		5	3	8.9	4	"	4		1/2	30.39	1	79	75	78	"	11	5	4
8		5	4	14.3	4	4	4		/2	30.39	79	79	75	75	* "	1	5	1
9	,	5	0	19.3	u	1	4		1/2	30,39	77	80	75	75	'1	eis.	5	200
10	1	4	0	23.3	4		14		74	30.39	77	80	75	75		Ju cu	5	11
11		5	3	28.6		"	4,5		3/4	30,39	79	82	77	80	"	9 "	5	"
Noo	n.	7	1	35.7	4.		5		1/4	30.39	80	82	77	81			5	1.
																	1	

		the state of the s	
Course and distance	e made good since preceding noon by observations, $\mathcal{E}/\!\!\!\!/_{\!\! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	(true) 122 knots.	tenths.
	Latitude by D. R.	39 . 53'	" N
	Longitude by D. R.	63 . 30.	" 1
Position at Noon:	Latitude by observations of ②	40 0000	" X
	Longitude by chronometer from Forenoon Observations of O	62 0 47.	" 24
	(Latitude by A.R	39 0 49.	" N
Position at 8 A. M.	Longitude by	63021	" 7
	(Latitude by An.	40008	" N
Position at 8 P. M.	Latitude by AR. Longitude by " from Pm. ofe	61025	"W
Current during the		x N	
Error of the Compa	ass by Azimuth O observed at , ship's head	0 '	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 /	variation used, o '
Error of the Compa	ass by Azimuth O observed at , ship's head	0 ,	"
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 ,	variation used, o
Water expended du	ring the preceding 24 hours,	500 g	allons.
Water	during the preceding 24 hours,		"
Water remaining or	n hand fit for use at Noon,	1900	"
Coal consumed dur	ing the preceding 24 hours,	- tons -	lbs.
Coal remaining on	hand at Noon,	115 " 1440	"

P. M.			35.7					-					1	4.		
1	6	9	42.6	E. by S.	ShyE	5	1/2	30,40	81	82	77	81	b.c	W. um	4	m
2	6	4	49.0	1,	1.	5	1/2	30.40			76	81	,.	1	4	4
3	6	8	55.8	"	4	5	1/2	30.40					"	"	4	"
4	6	8	62.6	"		5	1/2	30,39	81	8/	20.	81	"		5	m
5	5	7	68.3	"	South	5.6	3/4	30.87						4	5	
6	6	0	74.3	"	SxH	5.6	3/4	30.36	80	79	75	80	"		6	
7	5	6	79.9	,		5.6	1/4	30.35	81	79	74	77			5	4
8	5	1	85.0	, - ;		5.6	3/4	30.37	81	78	14	77	4	,	6	"
9	5	5	90.5	"	,	5.6	1/2	30,37	81	78	75	77		"	6	"
10	522	6	96.1	4 -		5.6	1/2	30.40					,		17	4
11	3	669	98.7	ESE 3/4 E	8.8 W	45	1/4	30.42	8/	78	75-	78			5	
Mid.	5	1		"	4	4.5	1/4	30.42	81	78	70	78		"	5	4

under the command of Commander & S. Strong.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Sommence and until 400 am.

Frain and pleasant-dightning recasionally-Janut breeze from S by H.

Browner & by S. under get, fore, remain and miggen topmast stays and spanker and square sail to top gallant sails

Son A. Missien

From 4.00 am to 8 to am.

Frain and beloasant-Janut to moderate breeze from South

From 4.00 am to 8.00 am.

Fair and pleasant - Genet to moderate being from South.

Barometr strady Percey Hermaphrodite brig standing to both at 6.50 on course to by S under all plain vail to top gallout sails and fore.

main & miggin topmast staysails

OP Sackyon.

Ensign

From 800 am to Meridian

Clear-evol and plearant - moderate to stiff breeze from Smit - Bar stear

At 9.30 mustered at greater, after which divisional Phileso inspects bage.

At 11-45 took in main topgallant sail to revure partil lashing self it affairs

at 12- At end I wideth on course & by I under all plain sail to

topgallant sails and fore main and miggin topmast staysails.

Fiften

Meridian to 4.00 J.M. Superior Jun S. E. Barometer steady the falling strong a course & X. under pail alone - No change of sail Exercises strong frontes at signals and manning gear / period - M log and compers 2nd period - Bookt watales at siting Cuff at 5:20

From 4.00 J. M. to 8.00 J.M.

Show 4.00 J. M. to 8.00 J.M.

Senerally fair - strong to suff bruge from S. E to S. M. Of 4.40 took.

in J. J. saile - y las 642 cally all hands and took single suff in

topsaile - at 712 hauled down my topmest staysail - Jumpfel belges.

Motherfue dientenant U. St.

From 8.00 9.m. to Midnight black to fresh breezes from South by West moderating last helf and chifting to 155 11 - Moderate Sea - Mond rose at 8:30 g at 10:30 pallet by 99.7 changed course to E.S.E. 34 E. - at end under git topsails. In Majorale.

I to N. Williams

Examined and found to be correct

Jahn Waterwash ... Navigator.

			-	1,000	rd bassade.	WIND.	0						1		un. or	7	-	-
Hour,	Knote	Anota.	Tenths.	. Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.		P.	Air, Wet Balb.	Waterat Snrface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Se
A. M		+	4	67	8.S.E. 3/4E	Sx H	4			30,40		76	74		b.c	Jr. cum	4	m
2	4	1	4	15.5		^	4		14	30.39		77	74	76	",		4	4
3	6	1	4	272	•	4	4.6		14	30.35		77	74	77	01.6	4	3	"
5	6	1	3.	33,5	7 7		6.7	•	3/4	30,33		18		77	tog.	strat	4	"
6	6	-	2/	39.7	4	•	56		-1	30.35			No.	77	l.cl	"	4	
8	5	-	6	50 9		1 40 .1	5.6		3/4	30.35			76	76	"	for cum	15	"
9	5	-	1	56.3	4	1.8.77	5		1/2	30,34	1-1-	78	76	74	,	11	4	4
16	5	-		61.5			5.6		1/2	30.35		79	77	77	"	en	5	"
Noon	6	1	-	75.0	4	4	5.6		1/2	30.35	1	79	76	79	"	"	5	
	1	-	1															100

Course and distance made good since preceding noon	by observations, $\mathcal{E} \frac{3}{8} \mathcal{N}$	/75 knots. tenths.	
Latitude by D. R.		40 ° 10. " N	
Longitude by D. R.		59045. " 34	
Position at Noon: Latitude by observations of Θ		40 0 15. " N	
Longitude by chronometer from	Forenoon Observations of ⊙	59.00. " 7	
(Latitude by J. R.		40 · 15 · " N,	
Position at 8 A. M. Longitude by		59.39. " 7	
(Latitude by D. R		40 0 /3 " N,	
Position at 8 P. M. Longitude by	com P.M. obo o	57.31. " 21	
Current during the time, / knots & tenths	per hour, setting to the $\mathcal{E}/2$	N '	
Error of the Compass by Azimuth O observed at	, ship's head	• •	
Deviation of the Compass by Azimuth ⊙ observed at	, ship's head	o ' variation used,	0 1
Error of the Compass by Azimuth @ observed at	, ship's head	0 / //	
Deviation of the Compass by Azimuth ⊙ observed at	, ship's head	o ' variation used,	
Water expended during the preceding 24 hours,		400 gallons.	
Water during the precedi	ng 24 hours,	"	
Water remaining on hand fit for use at Noon,		15-00 "	
Coal consumed during the preceding 24 hours,		tons 800 lbs.	
Coal remaining on hand at Noon,		115 " 640 "	

P. M.	6	94	75-0 76-9 83-3	E.S.E. 1/4 E E.S.E. 1/4 E	S. 71. by S.	5=6	1/4	30.37	79	80	77	78	ke	ir eum	.4	m
2	7	5-	90.8	4	"	5-6		30.37					"		4	4
3	7		98.5	4	"	5-6	1/4	30.37	79	79	77	77	"		4	4
4	8	0	6.5	,	. "	5-6	1/4	30.38	79	79	77	77	"		4	11
5	8	0	14.5		88.24	5-6	1/4	30.38	79	78	76	76	"		4	"
6	7	9	22.4	"	8.8.11	5		30.39					,,		4	
7	6	9	19.3	"	"	5							b.c.w		1	"
8	5	1	34.4	4.	"	5	1/2	30.43	80	27	76	76	"		3	"
9	6	2	40.6		8 H x S.	5.6		30.43					,		5	"
10	6	1	46.7	"		5-6	1/2	30.40	80	77	77	75	"		6	"
11	6	3	53.0	"	,	5-6	1/2	30,40	80	78	27	20-	,"	"	3	"
Mid.	6	6	59.6	,		6	1/2/2	30.40	80	78	77	4	b.c. m. 91		5	"

under the command of Commander & I Strong Just 17 th U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Sommener and until 4.00 am SxM. - Moderate sea - Barometer falling - At 3th took in main topmart staysail - On course 5. St. fit under courses - single reefect topsails, jet, fore topmart-staysail + spanker Otherace Show 4,00 cm, to 8,00 cm.

Cloudy and cool-stiff to fresh bruge from S by M. Barometer, stady - Ot Woo sightly a stamer on let beam setanding to the Mesterard - executed morning orders - Ot 70 shooth rules out of topsails and set topgelant sails and main topment stangail - Ot end of watch on course & S. E. 4 E under all plain sail to topgelant sails and fore and main topmast staysails. From 4,00 am to 8.00 am D.F. Ellera

From 8.00 am to Meridian. Clear and pleasant - Stiff to Jush breeze from S. It Barometic Universiting Moderate sweet - Steering a course & S. E. I. E under name sail as presenting watch Of 11-45 set rough and flying git - At 9.30 mustres at quarter-executed First loveler Div. - Dignals / At 1- 12-7-3 m and after Powder Div. - Tunning Instruction 2nd Period instructed all Divisions at Sumanship. Engaged in revolute of men fore and fore-topsail braces - On sail in sight Standing to the Still men

Lieutenant U.S.A.

Meridian to 400 P.M. Siech S. H. X. bruze - at 12-12 changes course to E. S.E. / LE. 3. d. 76.9 - at 12-28 took in royale & flyinget - at 1.10 took in main 5.6 sail yrone. M. new main topsail braces land the self main 5.5 sail again-Exercises as per housine.

W. Hulyne W.S. A.

From 4.00 P.M. to 8.00 P.M. Cloudy - Stiff S.S. it breez - Moderate sea - Bar. rising - at 645 took in top-gallant Sails - at 7.00 pick single reefs in the mainsail and topsails - At end funder jet - fore and main topmast staysails, spanker and reefer manual and topsails - Bet clock ahead of minutes. Les Attinings Emign

From 800 9.M. to Midnight.

Cloudy - Self to fresh breeze from S. M. by S. - Bas falling slowlyModerate Sea - On coline E. S.E. W. E. under folesail - jib. Jose and main
topmast staysallo and spanker - Single respect topsails & managel

Ottobackeon
Enoign

John Thurst Navigator.

Ship Essea Trumport, R.J. to Plymouth England. 3 so Rate, LOG of the UNITED STATES Making passage from Height In att'd. Water at Surface. 59.6 8.S.E. 1/4E 66.5 90186 73.5 5-6 5-6 5-6 86.4 93.0 1 99.7 9 6.0 8 12.8 0 19.8 1 25.0 0 30.0 8 Hx 8 Course and distance made good since preceding noon by observations, & 18 190 knots. 40 0 06. Latitude by D. R. JJ . 25. Position at Noon: 40.09. Latitude by observations of O Longitude by chronometer from Forenoon Observations of ©

Latitude by F. C

Longitude by F. C 54. 43. 40 0 10. JJ . 22 D.R. 400 04 From P.M. obs. o tenths per hour, setting to the J3 0 337 Current during the time, variation used Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, during the preceding 24 hours, Coal consumed during the preceding 24 hours, 115 " 640 Coal remaining on hand at Noon, E.S.E 1/4 E S. M. by H 30,52 78 77 76 74 fe.m 30,52 78 77 76 73 30,50 78 77 76 73 50.3 0 56.3 30.49 18 18 17 17 18 30.51 79 77 17 77 77 18 30.52 79 77 77 77 78 4 9 W 30.53 79 77 77 77 78 4 9 W 30.53 79 77 77 77 78 4 9 W 30.69 79 74 74 74 74 74 62.6 3 2 6 75.4 81.7 87.7 93.2 30.60 79 75 76 74 74 30.50 78 76 76 76 75 30.5878 76 76 76 76

Commander & Strong , U. S. Navy, Hednesday, August 18th , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences, and until 4.00 am to Sit by HI- at 1.No took in sit. spanker and main topmant staywall all end of welch on course E. S.E. 1/4 E under single reefes topsailed and mainsail - foresail and fore topmant staywall - Barometer stady D. Hiller Ensign From 4.00 am to 800 am.

Pair with passing chowers, threating looking around horizon first part of watch - Stepp to fresh bruge with very fresh squalls from S. W. to swell from S. W. to with modulate cross swell from S. W. - Steeling a lowere E. S. E. 14 E under same sail as preceding watch file Jordan. W.S.V. From 8.00 am. to Meridian. Cloudy and damp - passing shower strong breeze from S. H. to H. A. H - at 9-20 set get and M. F. stagrall - Och 10-50 shook out reef from topsails and manipal and sell of 9 sails - At 9.55 musling at gnarlow land instructed apprentices in seamanship - Stby. walth 2003. Dr. - signale-from 8.6 9 0 Day jumped up . 13. Motherline W.S. A Meridian to 4.00 P. M. Meridian to 4.00 %. M. Cloudy - misty to moderate heere from Sot by M. and S. M. - Moderate decreasing sea - Ottering course & S. E. M. E. under four land main to penast claypade and plant sail to topg belant sails except chanker - Exercise the watch or follows - 3rd Period - Porgal gardner lossing and furling - Often and signals remainder of watch serving 4 4 to period - Unstruction in logs and lead lines and steering - Newey out clothing - Bar falling. In Miliam Jas. M. Milliam Enough From 400 9. m. to 8.00 P.M. From 400 J.M. to 800 J.M. to 800 J.M. What the John Jan, riving cloudy took in Cloudy and mist, moderale breeze from 14 S. 71 + 74 by S. - Bar, riving cloudy - took angle fore + main topsail, and make sail topgallant sail - Polis I port level of fore topgallant sail near fitte in setting let, - repaired, anomores it - Ot end of watch on loourse & SE / Let under jet, coursed single refer topsails + topgallant sails.

Moderale sea. From 8-00 9 M. to Midnight Olean Froderate breeze from It by S. to H. S. H. - Barometer Jalling Moon rose at 923- at end of watch on course 6. S. E. W. E. wold same sail as priviles watch John Wittewest Navigator.

LOG of the UNITED STATES Ship Essex Waking passage from Newpork R. J. to Plymouth Eng. 3 NS Rate, Height Ther. Height, Dry Bailb. 9.8 A. M. 1 14.9 7 20.6 2 25.8 ESE.146 S.M 30,55 78 76 76 76 60 mw S'11 x 21 30.55-76 75 75-70-2 25.8 2 31.0 6 36.6 9 42.5 9 48.4 7 54.1 9 60.0 5 65.5 N. 8. 24 ****** H'x S 9 69.8 11 30.56 79 80 70.78 Course and distance made good since preceding noon by observations, & 1/8 N. /JO knots. Latitude by D. R. 0 42. Longitude by D. R. Position at Noon: 400/21 Latitude by observations of O Longitude by chronometer from Forenoon Observations of © 5/027. 39 . 57. Longitude by Position at 8 P. M. { Latitude by Ny 40 . 24 from P.M. obs. o 50 0,24 knots 6 tenths per hour, setting to the , ship's head Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at , ship's head J'00 gallon Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, 500 2 Coal consumed during the preceding 24 hours, 113 640 Coal remaining on hand at Noon, 77.3 P. M. 30.5479 80 79 75 4.c. 30.53 79 81 74 77 ... 30.52 79 81 75 77 6.0 m 30.53 81 80 78 77 6.0 m 30.53 79 80 78 77 6.0 m Hest East 5 80.3 84.8 5 6 0 91.8 HiN H 9-5 93.7 Hest Nest 6 30.63 79 79 71 77 30.63 79 79 79 3.8 6 8.4 62 11.9 3054 80 78 77 77 3.2 30.53 80 78 77 77 6.c. w 8,4 30.53 80 78 77 17 30.52 79 78 77 77 17.9 30,52 79 75 77 77

under the command of Commander & Strong , U. S. Navy, Thursday August 19th , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Communew and until 4.00 am, Clear and pleasant - Heavy den-Moderate to stiff breeze from St. to St. A. S. Rientinant USA From 400 am to 800 am

Fair moderate breeze Jum M. S. H to M. S. - at 440 shook reef out of
toposils and set royals + flying sit - Barometa steady - at 7.30 sent watch
over markhead - Edecuted morning orders.

Motheline From 8.00 UM to Meridian

Cloudy and warm. Moderate beeges from Mx Say N-Bar, falling - Ut 9 took in mainsail Ut end steering course & S. E. / y E under plain sail to royale sheept mainsail of sparker at 9,00 went to Supelia for musta by inspection for special but of segues fires under Boiler 6. - Ut 9,00 went to Supelia for musta by inspection for services of the Date of the least the gran - Served out single stores and clothing to 1/2 - 3 way Rouder Divisions - Set clock gate of 15 minutes

The minutes of the minutes of the minutes of the minutes of the second of the second of the minutes of the m From 8.00 am to Meridian Meridian to 4.00 P.M. On course of the perion watch - course Gast - Serves out small story - Opporties marking and mending elvihes. His course to 5. (IL 773) Under same sail as in privious watch - course Gast - Serves out small story - appendices marking and mending elvihes. His commenced britished of Jacking. From 4.00 P.M. 6 8.00 P.M Hest - Bar. strage - Ut is executed apprentices there from It by it to peals and refing to peals - Ut end of watch on course East while all agrees safe to top gallant sails, except mainsail, and jit. Finiteling. D.Bellin Ensign From 8.00 P. M. to Midnight

Vear and pleasant - Heavy dew - Sends to moderate briege from H.
Barometa Falling slowly - Plering a course East - No change of sail
Ol 8-2 put own another Pat log reading 0.

J. Ar. Joann Dienten ant W. S.t. John W Tewart

Sint Navigator.

LOG of the UNITED STATES Ship Essex 3^{MB} Rate, Walking passage from Newport R. J. to Plymouth Eng.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.			lear ths.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	
A. M.				- ,	11 .									1			
1	4	6	22.0	East	West	4			30.51	79	77	76	76	t.c.m	of cum	5	
2	1	0	27.0		,	4			30.51	79	77	76	76	, "	"	2.	ı
3	4	9	33.0		,	4			30.37	79	77	76	76	b.cm. 1	"	5	
4	4	9	37.8			14			30,50	79	78	76	76	. "		5	i
5	7.	3	43.1	1	"	4			30.49	179	77	77	76	l.c.mw	h cum	5	
6	5	4	485	*	Hxs	4			30,49	79	77	77	76	4. c.m	7	6	i
7	1	1	54.5	1		4,5			30.49	29	78	77	76		.,,	4	i
8	6	1	605	"		45			30.49					"	cum st	4	ı
9	1-	5	66.0	1	"	4			30.51				25-	,	eir	4	ı
0	5		71.5		,,	4			30,51							6	ı
	14	-		4		4			30.51						"	4	
on.	7		81.4	to de "	4	Tu			30.57					"	"	6	Ì

Course and distance	e made good since preceding noon by observations, E.S.E. 3/4	E /35 knots. tenths.
	Latitude by D. R.	40 0 52 1 11 1
	Longitude by D. R.	48 . 57 " 1
Position at Noon:	Latitude by observations of O	40 · 3/8 · " N
	Longitude by chronometer from Forenoon Observations of O	48.34. " 24
	(Latitude by A. R	40 · 46. " N
Position at 8 A. M.	Longitude by obs 0	49.03: " 24
	Latitude by D. R. Jum P.M. vbo 0	40 052: " 1
Position at 8 P. M.	Longitude by D. R. From P.M. obo 0	470 37. " 24
Current during the		
Error of the Compa	ass by Azimuth O observed at , ship's head	0 /
Deviation of the Co	ompass by Azimuth O observed at , ship's head	variation used,
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 "
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o ' variation used, o '
Water expended du	ring the preceding 24 hours,	500 gallons.
Water distil	during the preceding 24 hours,	. 1400 "
Water remaining o	n hand fit for use at Noon,	1400 "
Coal consumed dur	ing the preceding 24 hours,	/ tons //20 lbs.
Coal remaining on	hand at Noon,	//2 " /760 "

	1					TT	TTT	T						
P. M.	2	0,	83.4	East	111	14	2100	= 0	1 20	7.1-	b.c.m		1	.5
1	3	6	87.0	E. 1/4 N	A by S.	T						cer.cus	-6	-
2	J	0	92.2	"	0,	4	30,50 8					"	6	"
3	5	4	97.6	,	,	4	30.50 8					cum	4	4
4	5	1	2.7			4	30.50 8					4	4	4
5	4	J	7.2	4		4,3	30,50 7					4	5	4
6			11.4	"	West	4.3	30,50 7	797	8 77	75	4	4	5	4
7	4	2	15.0	4	" "	3	30.517	797	877	75	4.		6	4
8	4	4	19.4		H. by S.	3	30,517	97	776	フリー	. "		6	"
9	4	0	23.4	6 1/2 N	1.	3	30.33 8	07	6 76	74	6 m w	1.	10	
10	4	1	27.5		""	3	30.548	07	676	74	femu	on	7	4
11	4	7	32.2		Jr. 8.71	4	30.547	197	676	73	",	"	4	4
Mid.	4	8	37.0		"	X	30.547	197	676	75	b.c.w	"	10	4

under the command of Commander E. S. Strong. Friday Jugust 120 U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am. Some shows 300 hour - Moderate heep from the Hest- Ship under gib foresail topsails and I.I. sails - Baronela falling slowly. Motherfue dientimant U.S. N From 4,00 am to 810 am
Sair to Cloudy- Pleasant. mily- Moderate bruge from Heat
light hour - shifting 165 th by S. and increasing in I had to stiff bruge
Smooth sea - all 5=30 sit royals - at end for chuse East under
plain sail to royals except mainsail and spanker- Distilling. An M. Micians Enriga From 8, am to Meridian: The Sain my warm - midy - moderall breeze from MxS. Barometer stray - at 9.30 mustered at Quarter - Causined at Superior Marker my The Quarter - Under same sail as in previous watch - Course Gast - Distilling. OP Lack on Ensign Meridian to 4,00 P.M. Cloudy and warm - moderate been from N x S - Bar, stravy- Exercised watch on deck as follows: forward any after powder Swission signals - light gardmen, at making any taking in sail on Monkey yard, rest of watch July making thrum I mate - Novich some sail or previous watch - at 12,20 changed Jeourse to E. 4 N. - Distilling. Dullan From 4.00 P. M. to 8.00 P.M. buy from N. 16 H 15 - Barometer before storing a course & 14th. while pame sail as freeding waith. At 12 took in any furles royale Ut 5/10 exercises at Jurling afre loveing light sails and refing topkails and foresails. Jor. Jordan U.S. A. From 8.00 P.M. to Midnight.

Gents to moderate of AxS to H. St breefe - Ot 8-10 changes course to 6/p. M.

P. L. 20.1) Distilling. Wordingone N.S.N. John Coftwart Navigator.

					WIND.				BAROMI							lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the Se
. M.	4	7	41.7	6. 1/2 N	S. N. by 11	4								b.c.w	eum	2	3
2	5	1	46.8	1.	"	4			30.54					,	4	7	
3	5	1.	52.3	"		4			30.54	77	74	74	73	"	"	9	1
4	5	4	57.7		11"11	4			30.52	-			1	,"	cum pl	=7	b
5	5	9	63.6	"	A. S. A	4			36.52	77	74	74	73	b, c. m.w	"	6	
8	1:	7	697			14.			3053	11	75	75	73	b. c. m	11	12	1
7	5	9	75.0	"		4			30.54	11	-	76	73	"	Jr. cum	17	ı
8	6	1	81.1	"	n	4			30.55	77	78	77	73		"	8	L
9	5	4	86.5			4			30.62	78	79	77	74	"	',	7	
10	4	2	907			4			30.62	78	79	77	74	"		9	L
11	5	0	95.7			4			30.56					"		9	ı
oon.	5	5	1.2			4			30.58	176	80	78	74	"		9	ı

Course and distance made good since preceding noon by observations, & N. E. /	2 6. /20knots. tenths.
Latitude by D. R.	41027' "1
Longitude by D. R.	46 . 10 . " 24
Position at Noon: Latitude by observations of O	4/0// " "
Longitude by chronometer from Forenoon Observations of O	46.04. " It
Position at 8 A. M. Latitude by J. /C	41.019. " %
(Longitude by	46 · 26 · " or 4/ · 32 · " N
Position at 8 P. M. Latitude by	45.32, " %
Longitude by D. / C. pum J. //C. PVO G	
Current during the time, & knots . 15 tenths per hour, setting to the SxE.	10
Error of the Compass by Azimuth ⊙ observed at , ship's head	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used, o
Error of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Deviation of the Compass by Azimuth © observed at , ship's head	J-00 gallons.
Water expended during the preceding 24 hours,	/200 "
Water during the preceding 24 hours,	2/00 "
Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,	2 tons 80 lbs.
Coal remaining on hand at Noon,	110 " 1680 "

12-15	1	1	1.5	6. 1/2 N				
P. M.	3	4	J. 2	ExN	Hx S.	3	30.57 78 80 79 74 bem cum 6 L	
9	4	9	10.1	,		3.4	30.53 78 79 78 74 " cum 4"	
3	5	0	15.1	*,		4	30,53 28 79 78 75 ", " 7 "	
4	5	4	20,5	"		4	30,5378797877 5.	
5	5	3	25,8	,,	,	4	30.03 78 78 78 77 F. cw ein-cum 3	
6	J	4	3/,2	,,	4	4	30.5478787777 " " 2 "	
7	5	4	36.6	"	,	4	30,5478 77 76 71 , Jr. um 2	
8	5	.5	42.1	,		4	30.5479777676 . 9 . 2	Д
9	4	9	47.0	4	Hest	4.5	30.55+7976762625 " 3 "	Д
10	4	5	51.5		"	4.3	30 55 79 76 76 75	ı
11	4	3	56.8		"	4	30.56.79 76 75 74 t. cfm . 5 ,	Л
Mid.	2	9	59.7	,	,	3	30.5678767574 b.cm , J.	

Strong La rebriannal under the command of U. S. Navy. , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. bonnieus and until 400 lm.

bour long wel damp. moderate breeze from St by it unsetady in direction first how - fit to get main topmast stayant - " 121 /12 handles down main topmast stayant - Ut : 1/2 handles down main topmast stayant - Ut : 1/2 handles down main topmast stayant - Ut sugle from sail to top gallant soils except mainsail and spanker - Moderate swell from Hestivard ansign From 4.00 am to 8.00 am. Bar riving - at 4.45 set royale 10 75 set mark topmast slavail harder it I down again at 800 at 75 wheel rope carnet array. At not of wheel of wheel rope carnet array at an at 800 at 150 wheel rope carnet array. git- stering by reliving tackler and reeving of new wheel whee Dutilling From 8 of am to Meridian.

Open and pleasant - Moderate breeze from It S. It - Barometic steady
Astering by referring tackles until 10-18 when which ropes were refront
but elposts ahead feleren grunder. At end of watch on course 6 /p. V.

under same saie as previous welch - Distilling.

DE llass Meridian to 4.00 P. M Meridian to 4.00 5 M.

Fair and Measant - hay ground horizon - Tente to moderate breeze from H x 5. - Baronder Jacking then steady - long swell from H. N. H. Stering a course 6 /2 V. Suntil 12-14 when they order of Commanding officer I change course to 6 x N. - No change of sail - Distilling. J. N. fordan, USA From 4.00 9. M to 8.00 9. M. Cloudy - misty and damp - moderate A & Shuge - occasional slight dingle Jos clouds passed over - at 7 to trok in any furler royals - We distilling. W. Hulment U.S.N. From 8,00 P. M. to midnight hour. Swell Hom I'd and I'd - On course & by I under plan sail to togall and least except mains ail any paparker - Distilling. bu. W. Williams. John by Thewart Navigator.

					WIND.				BAROME	TER.	TEM	PERAT	TURE.			lear ths.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass,	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.	3	8	63.5	6. x N	Hest	3			30.55	28	76	76	14	b,c,m,w	cu	5	8
2	3	4	66.9	"	•	3			30.53	78	76	76	73	0 "	4	4	1
3	3	1	71.0	"	"	3			30.5%					b.c.m.w.d	1	0	
- 5	3	2	77.4	"	1/x S	3			30.53	4 -		-	74	f. em	fr cum	3	"
6	3	8	81.2	"	71"8.21	3			30.54		4	76	74	"		5	7
7	4	5	85.1	1	11.0.01	3.4			30.55				174	b.c. or to	eum nimb	4	"
8	45	8	95.5	"	Stx 1	4			30.57	1	18	77	74	1.e	fi cum	6	2
10	4	8	00.5	h		4			30.57	17	29	77	74	"	cir- de	4	
11 Noon.	3	9	4.4	,	4	4			30.57	78	80	78	14	"	gr. eum	4	"

Course and distance	te made good since preceding noon by observations, $\mathcal{N}.\mathcal{E} \frac{3}{4}\mathcal{E}$	93 knots. tenths.
	(Latitude by D. R.	42006. " N
	Longitude by D. R.	44.02. " 1.
Position at Noon:	Latitude by observations of O	42 0 02 1 W
	Longitude by chronometer from Forenoon Observations of O	44.23, "
	(Latitude by D. R.	41.50, "
Position at 8 A. M.	Longitude by	44042: " #.
	(Latitude by JR	42017. " N
Position at 8 P. M.	[Longitude by N. 1C porth J. 110, 000	43 . 20, " /
Current during the	time, knots . 71 tenths per hour, setting to the 1. 8.	7. 3/8 21
Error of the Comp	ass by Azimuth ⊙ observed at 4 - 03, ship's head	180 301 11
Deviation of the C	ompass by Azimuth O observed at 4. 03, ship's head	8 0 30 E variation used, 270 00 34.
	ass by Azimuth O observed at , ship's head	0 1 11
	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Water expended du	aring the preceding 24 hours,	J-00 gallons.
Water disti	1	1200 "
	n hand fit for use at Noon,	2800
	ing the preceding 24 hours,	tons /280 lbs.
Coal remaining on	hand at Noon.	110 " 406 "

1 3 4 4.9 3 5 4 20.7 3 5 4 26.1 4 30.5 7 8 78 77 72 4 4 9 31.0 4 4 9 31.0 4 9 35.5 4 8 35.5 6 4 8 35.5 7 40.5 7 40.5 8 4 8 44.8 8 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	P. M.	2	4	11.5	East	1							,			
2 5 6 20.7 " " " " " " " " " " " " " " " " " " "		3	4	14.9		Sh by H	4	30.06	78	78	77	74	b.c.m	In eum	5	2
4 4 9 3.0 1 4 5 4 8 35.8 1 4 5 48.5 1 4 5 48.5 1 4 5 48.8 1 4 5 48.8 1 4 5 48.8 1 4 5 48.8 1 4 5 48.8 1 4 5 48.8 1 4 6 54.4 1 4 7 63.2 1 4 7 63.2		1-	8	20.7		W. S. 21	4	30.57	78	78	77	75	, "	1 "	4	"
5 U 8 35.8	3	5	4	26.1		."	4	30,56	78	78	77	20-	bem		4	"
6 4 8 33,8	4	4	9	31.0		Mr. S.	4	30.56	78	78	77	75	"	4'	4	"
2 4 5 45 0 8 4 8 49.8 9 4 6 54.4 10 4 7 58.5 11 4 7 63.2 12 3 30.58 78 77 74 73 77 10 94 13 30.58 77 74 73 77 14 9 10 10 10 10 10 10 10 10 10 10 10 10 10	5	4	8.	35.8	,	Hest	4	30.58	78	28	77	74	4		5	m
8 4 8 49.8	6	4	7	40.5		MxS		30.58	78	77	76	74	"	4	5	. 4
9 4 6 54.4 " 3 30.8 77 74.74 7/ h.e. w . 8 L 10 4 / 58.5 " 3 30.5 77 74.73 7/ " " 9 . 11 4 7 63.2 " 3 30.57 77 74.73 7/ " " 9 .	7	4	5	45-0		. "	3	30.58	78	77	76	24	"	"	3	"
10 4 / 58,5 " " 3 3 3057 77 74 73 71 " 9 1 1 4 7 63.2 " 3 5057 77 74 75 71 " 9 1	8	4	8	49.8		2 8.24	3	30.58	78	75	70-	71	., "	set	8	"
10 7 7 80.0 1 1 4 7 63.2	9	4	6	54.4	,	,	3	30,08	75	74	74	7/	b. c. w		Barrier .	L
" " " " " " " " " " " " " " " " " " " "	10	4	1	58.5			3	30.58	77	74	73	71	4	"	9	
Mid. 4 6 68.0 , 3 30.06 77 74 73 7/ femel , 9 "	11	4	17	63.2	,	"	3	30.57	11	74	73	71	, "	"	9	4
	Mid.	4	8	68.0	,		3	30.06	17	74	73	71	t.e.w.l	,	9	"

Commander E. J. Strong. Sunday August 22 under the command of U. S. Navy. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4.00 am Barometer I deling - at 2.29 Junister distilling - on course 6 x V. under get, topsallo - topgallant seails and foresail. OT Jacken Ensign From 4.00 am to 8.00 am.

Gloudy and evol - Genete to moderate truge from it by 8. to M. S. it Barometer strady - caecular morning ordere - all 430 set brought at 75 took fin topgallant sails and myale for a rain squall - and it sails on course 6. by S. under topsails-foresail Ensign From 8:00 am to Meridian This said pleasant - moderale breeze from SHx H. - Barometer steady thin riving - hong sweet from H. N. H. - Steering a course & xN. under packe age preseding watch - At 6.05 self royale and top gallant packe by 9.30 mustices at Invitero - Commanding Official inspection ship and crow Mr 10-10 Combig Official read Divine Services from Jun Drake - Stopper distilling and allower fires to die out. Lieutenant USA Meridian to 400 P.M.

Meridian to 400 P.M.

Marin and warm - mistigand damp - moderate buye Jugar S. H. M. to

Mass. At 12:15 set port claw of mainsail - at 12-200 Schanges course
to East - Pat. Log 11:5 Motherline U.S.A. From 400 P. M. to 8.00 P. M. Wodevalo to gentle breeze from Mest. It by Sand It S. It - J. Dan steady - Demperature of water The 3° last hadro-Modevale swell - At J. 00 took in royale - At end in course Gast under plan sail to topgallant sails except darboard clear of mamacle and spanker. Gro. W. Wignams Ensign From 8,00 P.M. to misnight highlaning to 12 and HE last hour. On course East - under same sail and in previous watch O.P. facker Ensign John Wytewast Navigator.

Ship Essex & Plyno

			D. Marie		WIND.				BAROME	TER.	TEMI	PERAT	URE.			Hear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Ch Sky, in 10th	State of the
A. M	4	4	72.4	East	H. S. H	3			30.55					b.c.w	In cum	9	m
2	4	3	76.7	,	,	3			30,55	76	73	73	7/	"		9	4
3	4	3	81.0	"	"	3			3054	76	72	72	71	"	4	9	11
4	4	9	85.9	,	S. A ty A	3-4			30,53	75	73	72	71	,,,,,	. "	9	"
5	4	7	906	,	21 18.21	3			30 53	フリー	73	72	7/	- 1	for cum	1	2
6	11	7	91:3	"	"	3			30,52	75	73	73	71	b.c	alli-shi	6	4
7	5	0	0.3	"	. ,,	3			80.52	75	74	73	71	"		7	"
8	4	7	5.0	"	8 Hx H	3			30.51	75	76	75	71	1	alt. do	7	"
	5	2		7	21 8 24	4			30,51					',	In on	8	"
9	4	6	14.8			3-4			30.52	76	26	75	72		4."	8	
10	7	1	,,,		"	4			30.52						en	7	
Noon.	5	-	20.2	,	8. 11 x 21	4			30.51					,	eir	6	

Course and distance	made good since preceding noon by	observations, E. N.E.	3/4 E /25 knots.	tenths.
	Latitude by D. R.		42 0 47'	" N
	Longitude by D. R.		410561	" 11
Position at Noon:	Latitude by observations of ①		42.29.	" N
	Longitude by chronometer from For	enoon Observations of G	41.41.	" H
			42.39.	" N
Position at 8 A. M.	Latitude by N.T.C.		42010.	" H
	Longitude by	. /	42001,	" N
Position at 8 P. M.	Latitude by N. R from	P.m obo o	41005,	" of
	time, 0 knots 92 tenths per		ExS	
Current during the	time, knots ./2 tenths per	nour, setting to the	0 1	
Error of the Compa	ss by Azimuth O observed at	, ship's head		
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	. 0 ,	variation used,
Error of the Compa	ss by Azimuth O observed at	, ship's head	0 ,	"
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0 (variation used, o
	ring the preceding 24 hours,		.500	gallons.
Water	during the preceding	4 hours,		"
	hand fit for use at Noon,		2300	"
	ng the preceding 24 hours,		tons 8	00 lbs.
Coal remaining on h			109 " 18.	40 "
The state of the s				

P. M.	23	04	27.9	East E. by r	S. H. by H	4	30,50	77	76	75	72	l.c	cir-cum	6	m
0	5	3	36.6	1	1	4	30.49	77	76	75	72			6	4
3	5	6	42.2		28.21	4.5	30.48		76		72			7	"
4	5	4	47.6		" "	45	30.47	77	76	75	73	4	,	7	
5	5	1	52.7	,	It by S.	4	30.46	76	76	75	73		,	7	2
6	5	0	57.7			4	30,45	76	75	75	73			7	4
7	5	4	63.1			4	30.45	76	75	12-	73	. "		6	"
8	5	3	68.4			4	30.45		74	73	73	1.	fe oum	8	L
9	5	6	740	,	0.	4	30.45	77	73	73	72	b, m w	none	10	,
10	6	2	80.2			45	30. 43	77	73	73	The s	b. c.mw	cu	6	"
11	6	5	86.7	,		45	30,43	76	73	73	71	4		5	"
Mid.	6	0	92.7			45	30.43	76	73	73	71	"	4	4	"

under the command of Commander & J. Strong , U. S. Navy, Monday August 23 rds Commence and until 4.00 gm.
Clear and evol- heavy dew- gents to moderate breeze from It Sit to St. H.
by It - Lightening to No and No First hour - Barometer see you - Under get
and all square sail to top allant sails except weather clear of
mainsail - On course East. From 4.00 am to 8.00 am Baramelet Jalling slowly - Long swell from H. S. H & St. A. St. as course from the St. H. S. St. - Steering a course fast under same sail as preceding watch - OH 4.10 set Propale Sintenant W.S.V. Severally clear - Sente to moderate It. S. It to S. It at breeze - At 92 mustres at Anarles and I experied Divisions as Jollows - Ponder - Gen Instruction; Masama and rigadination - 2nd Squar Aries - 3nd Great Guns - At record period Seamanship instruction - At 8-10 set still clear of mainsail - fore any main? miggen topmark staysails - flying jet + spanker no Hulme Sair and warm-moderate to stiff breeze from S. H. by H + H. S. H. - Ban falling alondyModerate powell from Materiary - at 1 to took in flying 1 to 4 3.4 took in spanker - lat 12.25
patent log 27.9 - changed course to 6 by H. - Al ship on course 6 by H. under pit might
topmash - stayauit and square sail to royale except startothy claw of mainsoutCoursein Inthe watch of Alprenties 3 to Period - 1 this - lignals - 2 to 30 mg Bonder
Directors - Path watch of Alprenties 3 to Period - 1 this - lignals - 2 to 30 mg Bonder
Directors - Path watch of Course details from Low 23 to Divisions on migger operate
at losing and furling - 4 th Period - Compasse instruction - at 4, 20 exercises both watches
at setting up Meridian to 4.00 J. M. From 400 g.m. 6 8.00 J.m. Sam 400 8 M to 600 8 M Som Som Sam A to go Sar steady - Ot 4 35 took in migen topmast - staypail and mamaril - Ut 7 20 took in royals & Exercise at politicing sail - receiped topsails of presail and making sail to pople - On course 6 x 8. worder yet - foresail - topsails and topyallant sails Of facker and topyallant sails From 8.00 9. M. to Midnight.

Bear to cloudy - Neary dew-Moderate to stiff breeze from 11. by S.

Bearonder see ady - you counter 6. by N. under same shell as preceding watch. John Witewart Fruit o Navigator.

					WIND.				BAROME	TER.	TEME	ERAT	URE.			lear ths.	1
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	
. M.	5	9	98.6	E by N	It by S.	4-6			30-40	76	73	72	7/	ben	oum	8	-
2	5	9	4.0		, (4-6			30.39	75	73	72	71	4	4	8	ı
3	1-	8	10,3			40			30.37	75	73	72	71	"	,	7	
4	1.	9	16.2			45			30.36	25	73	12	71	"	cir-cm	17	ı
5	6	0	22.2	,		4			30,36	75	72	72	69	1"	."	5	
6	6	3	28.5	"	2 S. 21	4			30.35					b. c. m	In cun	4	
7	6	2	34.7	4	,	5			30.83	75	72	72	68	"	0 ,	3	
8	6	9	41.6	,	7	1			30.32	75	72	72	68	4	4	3	
9	6	5	48.1	,	"	5			30.81	74	73	73	68	, "	1,	3	
10	6	7	54.8		,	5			30.32	74	73	72	68	tom 1	eum	3	
11	5	2.	600		"	5-6			30.3/	74	72	72	68	te, mp		1	
on.	6	4	66.4			5			30.30	74	73	72	69	c.m	strat	2	

· · · · · · · · · · · · · · · · · · ·	
Course and distance made good since preceding noon by observations, A. E x 6/2 E	/37 knots. tenths.
(Latitude by D. R.	430 411 " 1
Longitude by D. R.	39 0 03. " 24
Position at Noon: Latitude by observations of ②	430191 "1
Longitude by chronometer from Forenoon Observations of O	39.04. " 21
(Longitude by Chronometer from Foremon Construction of	43 · 28. " N
Position at 8 A. M. Longitude by P. R. Longitude by	
(Longitude by	39 . 27, " 1. 43 . 57, " N
Position at 8 P. M. Longitude by from P.M. obs 0	37.58. "W
	9 / 000
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 / "
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	
Water during the preceding 24 hours,	1900 "
Water remaining on hand fit for use at Noon,	1700 "
Coal consumed during the preceding 24 hours,	- tons - lbs.
Coal remaining on hand at Noon,	109 " 1840 "

M.	6	4	72.8	ExN	282	15-1	30.29	74	73	72	69	b.c.m	a en cis sh	2	2
2	6	5	793		"	5	30.27				69	o.em	",	0	
2	7	1	86.4			5-6	30.27		72		69	,	a. on	0	
4	6	8	93.2	,		5-6	30.26	74	72	72	69	"	1,	0	
5	8	1	1.3	"	4	5-6	30.22	14	72	72	69	o.c. 9.7.	Cum mix	0	2.7
6	8	0	9.3	"	"	6	30.22	75	72	72	69	o.e.g. r.g.	"	0.	"
7	7	5	16.8	,	, ,	5-6	30.22	22	71	71	69	"	4	0	"
8	6	1	23.5	,,		5-6	30.21	70	21	71	69	"		0	4
9	6	9	30.4	4	1 x S	5-7	30.21	76	71	71	69	o.c.m 91		0	4
10	5	8	36.2	,	,	5-6	30.21	75	70	71	69	"		0	4
11	5	2	1	4	N. Hby N.	5=4	30.21	75	68	69	69	o, c, m,d	, ,	0	4,
did.	3	2	45.0	"	N. W. 24	3-4	30.20	70	68	69	68	oc,	In oum	0	"

under the command of Commander E. T. Strong.
Sueday August 24 U. S. Navy, Commences and until 4.00 am. Barromela falling. Long swell from Hit - Sliering a coince Ext. under square I sail to topgallant rails (except mainsail) and jit Just Jordan, St. S. S. From 4.00 am 6 8.00 am. Moderali to strong breeze from 14 & to 11 & 14. At at 4-45 set broyals any at 8.00 set post year of mainsail-Barometer factoring slowly - Het my dry but hermometers reading the same. Motterline dientenant, USA Som 8-00 am to Meridian.

Country and damp- parsing showers 2 of any 3 th hours- mily around horizon.

Stiff to fresh breez from It & H - at 10-45 took in royale-at norm set thin I to
Clear of mangail flying get, and spanker - at 9 30 what to Inarline for muchin

and impedian and services at Divinimal drill - San facting slovely.

Other on contre E by 1, under plain sail to royale except starboard.

Sho M. Mills alled

Energy. Meridian to 4.00 J. M blondy- threatining rain - Stip to fresh treeze from It. S. It. - Bar facting clowly - tocreised latif watch of appeintures at signal - sering-alighted pail on monkey yard - for period - Compass instruction - 25th period at 3 period on some to set shapehes at setting up on course to set same sail de in previous watch OP Forther From 400 P. M. 6 8-00 P. M. royale - At 500 he topgallant sails and all 5-10 caller are hands ref topcails and top one ref in the topparale and furter he manisail - Sauled down jet and set for topmark laysail and furter he manisail - Sauled down jet and set fore topmark staysail at 6 2 - At end of walch on course 6 by st. under at fore topmast staypail at 625 - at end of water on war ail through rufes topmast staypail and fore topmast stay wait through rufes topmast stay wait through I dientenant U.S.A. John Jun Navigator.

LOG of the UNITED STATES Ship Essex: Slymouth Eng. Rate,

			1	1 10						1				1			
			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.			Hear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.	4	2	49.2	ExN	Nout	4		1/2	30.21	74	18	68	65	o.c.m.d	cu	0	2
2	4	4	53.6	"	,,	4.5		1/2	30.21				68	"	.,	0	4
3	1	6	59.2			4.5		1/2	30.23	72	66	66	68	0.c. m. w	1	0	4
4	1	9	65.1		" "	6-5		/2	30.23				-	14	cum. el	0	4
5	1	1	70.2	4	NxH	4.5		1/2	30,23				1	'h.c	nint	3	m
6	4	8	2.0	4	"	4		1/2	30.27	-	-		67	4	"	4	4
7	6	4	81,4	4	N.N. H	5		/2	30.29	-		63	67	4	ail 1	5	4
8	6	8	88.2	4	"	5		1/2	30.30					"	nim!	-4	"
9	6	4		4		4.5		/2	30.32	1		1 .	160	4	fr. cum	4	11
10	6	3	0.9	",		4-57		1/2	30.33	1				"		4	4
11	5	1	6.0	7	4	4,5			30.33	1/				"	"	4	7
Noon.	6	1	12.7	. "	4	4.5		/2	30.33	67	65	62	.66	"		3	"

Course and distance made good since preceding noon b	y observations, A. E. x E. 7/8 E.	/40 knots.	tenths.	
(Latitude by D. R.		44 0 381	" 1	
Longitude by D. R.		36 0 06.	" #	
Position at Noon: Latitude by observations of ©		440 25,	" N	
Longitude by chronometer from F	orenoon Observations of O	36 0 09.	" 24	
DR P		44027.	" N	
Position at 8 A. M. Longitude to the .		36 0 40 1	" 21	
(Latitude by D. R.		440441	" N	
Position at 8 P. M. {Latitude by D. R Longitude	Pm of a	350 /21	" of	
Current during the time, O knots of tenths p	on hour cetting to the 5 3/ H			
Error of the Compass by Azimuth \odot observed at	, ship's head	0 1		
Deviation of the Compass by Azimuth © observed at		0 (variation used.	0
		0 ,		
Error of the Compass by Azimuth ⊙ observed at			variation used,	0 1
Deviation of the Compass by Azimuth O observed at	, snip s neau	400		
Water expended during the preceding 24 hours,		700	gations,	
Water during the preceding	g 24 hours,	1500	•	
Water remaining on hand fit for use at Noon,				
Coal consumed during the preceding 24 hours,		tons. 80	lbs.	
Coal remaining on hand at Noon,	4	109 " 104	<i>U</i> "	

P. M.	6	8	19.5	E. by N.	N. N. H	15	1/2	30,33	66	64	60	66	b.c.	str-cum	2	m	
2	6	J	26.0	0,	N. by H	5		30.33							2	"	
3	6	4	32.4		1	5	1/2	30.34	66	63	61	65		"	2	4	
4	5	8	38,2			5	1/2	3035	66	64	61	66		cum	2		
5	6	3	44.0		,	5	1/2	30.35	66	64	61	66		eum	6	"	
6	4	5	49.0		, ,	4	1.	30.37						cu-eir	2		
7	4	3	53.3		North	4	1/2	30.39	66	63	6/	67	0.04	"	0	1	
8	4	5	57.8			3-4	1/2	30.39	67	63	61	67	tien	"	2	4	
9	4	0	61.8		N. by It	3-5	1/2	30.39							0	2	m
10	3	4	W.2			2-4	1/2	30.39			61	66	1/	"	0	"	"
11		5	67.0		"	1-3		30.38			1	1	"	cum min	0	"	
Mid.	4	10	71.0		"	2-4		30.38						-	0	"	

under the command of Downsander & T. Strong U. S. Navv. Wednesday August 25. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and until 4.00 am. Doncast - damp and miety - dringling 14 half - Moderate to fresh breeze from the Most - Under get fore and main toplinast stayrails, courses and single respect topeach. Dar riving slowly - at 2-15 sighter stames white light on soft overalle. dienterant U.S.A. From 4,00 am to 8.00 am. From it of them to fire um.

From it of the um.

That and pleasant - moderate to stip freezes from I by It by I. It. It

Moderate sea with cross sweet - At 538 shook reefs out of topsaile

and alt topgallant sails and spanker - At J tok on spanker.

Stering a course 6 by It - At sind under fore and main topmant playeacts

and plain sail to topgallant sails except spanker - Dar, mong.

A straner in right hull down to See first how.

Here It Westigman Gro. M. Waly and From 800 am to Meridian.
Cloudy and covid- Moderate to stiff bruge from N. N. H. - Barometer riving som Moderate seal - Or 92 muslered at Quartered - Exercised all hands at platione
for shortning sail and coming to anchor. It period I am period, Inspection of
clothing - I on course & X. Junder same sail as it end of purposes watch
Chocking - The course & X. Junder same sail as it end of prefixors watch
Consign Meridian to 400 P.M.
Cool - cloudy - and pleasant - Stiff breeze from N. N. H. to N. by H. - Bas rising alondy - Exercise appendices of watch lat signals and lat 3-30 - all pappendices at eaterhenics - at end of watch on course & by N. under same. sail as previous watch Hellen strom 4.00 J.M. to 8-00 J.M. Sent to siff heeze from It to to Bar many then cloudy over.

Sent to siff heeze from I to I Bar many then cloudy moderate
swell from I'd - Ottoring a course & X mader coherent topsalls, top gallant
acide, jet & foretopmast setapaal - Ut 5-12 set spanker and exercised
appendices at furling and reefing. Left toppallant each furley and brailes
all spanker - all 7 12 took single oney in topsails.

Jak Jordan Lat. Jordan. W.S. From 8-00 J.M. to Midnight high airs to strong Ix of freeze - High paring chowers from the strong of the bush very generally in Jose - long bewell from the coursing ship to roll heavily during lule in breeze Wortheline dientimant U.S. N. Examined and found to be correct. John W Stewart Navigator.

3

3

3

4433

0.0

ocd f.c

A. N. H A. N. H A. H. N.

. N. N. 21 A. H. Ly N

84.5

88.0

12.5° 96.3 0.4

0.4 5.5

4533

		1/11	
	E LE LE	4	
Course and distar	nce made good since preceding noon by observations, E.N.E. 18E.	/05 knots.	tenths.
	Latitude by D. R.	. 450 0.	" N
	Longitude by D. R.	33 059,	" %
Position at Noon:	Latitude by observations of ①	450001	" N
	Longitude by chronometer from Forenoon Observations of ②	33 0521	" 24
	(Latitude by D. R	45.02.	" N
Position at 8 A. M	Latitude by D. R. C. Congitude by Obs. O	34 008.	" H.
	(Latitude by DR.	450161	" N
Position at 8 P. M	Latitude by D.R. from P.In.	33 009.	" W
Current during th	he time, θ knots σ tenths per hour, setting to the σ	0-6	
	pass by Azimuth ⊙ observed at , ship's head	0 ,	
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head	0	variation used, o '
Error of the Com	pass by Azimuth ⊙ observed at , ship's head	0 ,	"
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head	0 '	variation used, °
Water expended of	during the preceding 24 hours,	500	gallons.
Water	during the preceding 24 hours,		"
Water remaining	on hand fit for use at Noon,	1000	u .
Coal consumed du	aring the preceding 24 hours,	- tons -	lbs.
Coal remaining or	n hand at Noon,	109 " 10	40"

P	P. M.													,	sh		1	
	1	2	9	18.3	& by N	1. 21. x.r	3	1/2	30.36	66	64	61	65	t.c	en cum	4	d	
	2	2	9	21.2	0,	,	3		30.34	66	64	61	65		"	4	4	
	3	3	0	24.2		,	3		30.34	66	64	61	65	4	cir-our	2	4	
	4	3	7	27.9	4	"	3		30.34	66	64	61	65					
				32.0		"	4		30.35						4	122	"	
	6	5	2	37.2	"		4		30.35	66	63	61	65			2	4	
	7	4	8	42.0		,	4		30.35						4	3	*	
	8	4	1	46.5		-	3		30.36						4	5	*	
	9	4	6	51.1		N'x of	4		30,37	67	63	61	63		où a. en	6	4	
	10	3	6	54.7		1	3		30.34	67	62	61	63	"	4	4		
	11	2	3	57.0	"	A. H. by N	2-3		30.34	66	62	61	63	0. c.m		0	"	
	Mid.	0	5	54.7 57.0 57.2	"	0,	1-3		30.38	66	62	61	63	6. c. m	2. en	4	"	
															9			

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 am.

No dercast to cloudy and evol - Finth breeze in bulk and puffe from

No der Sky theating of first hour - Moderate swell from Northward
Bash falling slowly, steady last hour - Stering cooling 5 by N under site

fore and main stopmast staysails, courses land single refer topsails

Sea W. Nelsjams

Dean 400 am to 8,00 am

From 400 am to 8.00 am.

direction from A. A. H. to J. H. - Barometer rising - at 4 the shooth (reference) topsallo-and set top gallant sails - On course & by A. ander all plain sail to top gallant sails (except spanker) and for any main topmast staysails.

From 8.00 Am to Meridian.

Verily - coal and pleasant-Moderals to genete breeze from N.N. H. to N. H. by N.
Der stad - At 9 = set royale-flying jit land migen topmast daysald.

If 930 I mustered at guardies offer I which divisions were excressed as follows:
Journary and Ofter Provider-general institutions- 12 gen driet - 2 mil and post watch

Jour pictols - searboard watch of N. Dw. signals - Inspection and givet

Medicing. 200 period.

Meridian to 400 PM Clear and pleasant - Timet breeze Jum N. W. x V. - Bar falling the strang - Some swell from N. - Steering a coulde 6 x N. - No change of sail 4 - Cabreins watch, on lack at signals and furling might topsail - but sail in sight standing to fit Strang His Justing might propagate.

From 4.00 P. M. 6 8.00 P. M.

St. Cloudy le fair - Medialo le genete A. H. by V. breeze - drug sweel from

NA - at y get took in royale land flying get.

Mobilene

Arietenant. W. M.

Jum 8.00 P.M. to Midnight.
Cloudy-cool - moderate breeze decreasing to light airs and increasing to gentle bridge from N by It land N. It by N. - Dar feel .03 seconds how - swell from Northwarf. - Steering Course 5 by N. under fore-man-and mayon to push staysails ash plan said to top gettent pails except Papanker

Gran muciques Ensign

Examined and found to be correct

Johnly Tewash Lieut Navigator.

2-3 3

3 3 3

3 3 3

Ex N.

30.32 65 63 62 64 30.31 65 64 62 64 30.31 65 65 65 64

30.31 65 66 64 64

30.31 67 68 66 64 30.31 67 68 66 64 30.30 67 69 66 64

Course and distant	ce made good since preceding noon by observations, & SE /4E	E6 knots, tenths.	
	(Latitude by D. R.	45 ° 44 " N	
	Longitude by D. R.	320/21 " 24.	
Position at Noon:	Latitude by observations of ②	450 28, " N	
	Longitude by chronometer from Forenoon Observations of ②	310.58, " 24	
	(Latitude by L. P.	45° 35' " N	
Position at 8 A. M.	Longitude by obs 0	320 16 " " 24	
	(Latitude by D. R. from P.M. As, O	450 49. " N	
Position at 8 P. M.	Longitude by D. R from P.M obs 0	3/0 26, " 24	
Current during th		8.	
Error of the Comp	bass by Azimuth O observed at , ship's head		
Deviation of the C	compass by Azimuth @ observed at , ship's head	o variation used,	0 '
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 / 1/	
Deviation of the C	compass by Azimuth @ observed at , ship's head	o ' variation used,	0 . 1
Water expended d	uring the preceding 24 hours,	400 gallons.	
Water	during the preceding 24 hours,		
Water remaining of	on hand fit for use at Noon,	600 "	
Coal consumed dur	ring the preceding 24 hours,	tons 880 lbs.	
	hand at Noon,	118 " 1/1 "	

	P. M.															
	1	3	6	94.3	1.6. x 6	N.N.	13	30.27	66	67	65	64	f.c	cum		
				98.1	,,,,,		.3	30.27	68	68	65	60	4	en "	3	4
*	3	3	8	1.9	,	Hx S.	3	30.24							2	4
	4	3	4	5.3	"		3	30.23	67	66	64	65	"	."	1	4
	5	20	7	5.3	E " x	21.8.71	3	30 21	67	66	64	65	,	Jr. cum	./	
				13,2	4	S. M. by 21 S. 24	4	30.21	67	65	63	65	"	0 "	1	4
	7	4	6	17.8	4	8.79	4	30.20	6/	64	60	00			1	"
	8	4	17	22,5	4		111	30,20	68	60	63	65	or.d	cum numb	0	4
	9	5	1	27.6	,,	Six S.	4	30.15	69	64	63	65			0	4
	10	6	4	34.0		,	4-5	30. /3	68	63	62	64	o.c.L	"	0	"
	. 11	5	8	39.8	"	24	4-5	30.12	69	63	62	64	0.0. 92	*	0	
	Mid.	6	0	39.8	"	Sönet.	5-6	30,11	69	63	63	64	0.0.92	"	0	4

under the command of Lonmander E. T. Strong Triday. Aug. 27. , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Cloudy and evol - hight to gentle breeze from N. It by N. - Bar steady - Moderate smell from NET - On course & N under all plain sail to topgallant vails (except spanks) and fore main by miggen topmast stayrails O.P. Lucken Ensign From 4.00 am, to 8.00 am Growdy and cool-light to gentle breeze from A. A. shifting to It by St. - Dar clearly - at 43 lest royalo and flying sit - all of I traced in yarded and sharles up weather cleir of marinail - at 150 g stook in main and mayon topmast staysails-teacher morning orders - at 150 sighter a sailing vessel on bee beam-alternated for a column of watch on column & by A. under all plan sail lacept spanker and weather cleir of mainsails and the fore topmast staysail. Helless Ensign Jest Jordan US.N. Cloudy- Tends breeze from 14 x 16 to 14x S- at 15 haules up and furled mains ail - at 1 = at after for for deathling - Ford part of fort watch instruction in signale faules down main topmast playsail at 2 = land miggen topmast playsail at 3 = and miggen topmast playsail at 3 = Meridian to 400 J.M. Lientenant. H. S. A From 4.00 P. M. to 8.00 P. M.

Show 4.00 P. M. to 8.00 P. M.

Solvey to overcast and drighing - Servet breeze from it. I it first house tacking to Sit. about increasing in force to mordinate breeze - awell from the Northward. - But falling about 9 pet and further my ale and put single refer in topsalls. resetting to gallant sails - At and under jet foresail angle refer topsalls and topsallant sails - Stateller at 6 the Mexical Ino. W. Wellace From 8.00 I. M. to Midnight. Overgast - Agnaly Latter part - Origing rain last three hours - Moderale to fresh breeze from 5.74 by S. tacking to South Rast hould - 1 at 8 00 cets main topmast stayard - at 7 00 took in top gallast sails - at end under git fore and main topmast stayards - free server angle refer topsails & top John Vyter Varigator.

WIND State of the Sea Prop. of Cles Sky, in 10ths Height In inches. Att, Water at Surface at S Force. 1 30.03 68 63 61 64 a cm g 1 29.92 66 6/ 6/ 64 0.e. x g 1/2 29.85 66 63 63 64 1/2 29.966 64 64 64 0.e. m x 29.73 66 66 66 64 0.e. m d 29.73 68 67 67 64 29.73 68 67 67 64 9.e. m 29.73 68 67 67 64 9.e. m 29.73 68 67 67 64 4.e. g, m 29.73 68 66 65 64 4.e. gm 29.77 68 66 65 64 4.e. gm 464327281707 50.2 56.8 59.2 65.7 70.7 76.4 81.4 96.5 5.2 15.2 6. x N 4-6 7 7 5 5 5 7 6-7 6-8 6-8 00000 "m 000/3 7 " "P 8 9 10

Course and distant	ce made good since preceding noon by observations, A.E. 7/FE.	/27knots.	tenths.
	(Latitude by D. R.	460 411	" A
	Longitude by D. R.	290 231	" #
Position at Noon:	Latitude by observations of ②	46 0 41.	" A
	Longitude by chronometer from Forenoon Observations of O	290 3/1	" 24
	(Latitude by D.R	46021.	" A
Position at 8 A. M.	Longitude by	300/4,	" 71
	(Latitude by W. R	470 03,	" N
Position at 8 P. M.	Latitude by W. R. Longitude by W. R. From S. M. Ho. O	280 02	10 1/
Current during the			
Error of the Comp	ass by Azimuth O observed at , ship's head	0 /	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, o
Error of the Comp	ass by Azimuth O observed at , ship's head	0 /	"
Deviation of the C	ompass by Azimuth @ observed at , ship's head	0 ,	variation used, o
Water expended du	aring the preceding 24 hours,	500	gallons.
Water dist	illed during the preceding 24 hours,	1100	"
Water remaining o	n hand fit for use at Noon,	1200	
Coal consumed dur	ing the preceding 24 hours,	/ tons 600	1 lbs.
Coal remaining on	hand at Noon,	106 " 1800	"

P. M.	3	5	26.4	Exx			1 1 1 1 1 1
1	4	6	31.0	East	AH.xH	8	29.84 68 65 64 64 6 e g m in out 7 R
2	8	6	39.1	,	,	8	29.84 67 65 63 63 1 2. cum 7 "
3	1	0	47.1			7-8	29.86 67 65 63 62 o.c. 9m " 5"
4	6	8	53.9			6.7	29.88 6/64 63 62 0 e gm d 1 reine 2 "
5	6	8	60.3			6.7	29.89 68 64 63 62 he & md Jr. " 5"
6	4	9	67. 2	E x 8.	21. N. 21	6.7	29.91 68 63 63 62 bem of " 4
	6		78.6	"		6	100,186461
8	6	3	79.9	4		6	2990-68 63 62 62 " " 6"
9	5	9	85.8			5.6	2997 68 63 62 62 " " " "
10	5	8	91,6			5.6	199968 63 62 62 " 7 "
11	5	4	97.0		,	5-	30.00 67 62 62 62 7
Mid.	5	2	2.2		,	5	30.01 67 62 62 62 b.c. m cir-cum 7 "
1							

Commander E. S. Strong Saturday. Ong. 28.4. U. S. Navy, , 1897. Commences and until 400 am. Overcast - raining "y squally - Moderate to fresh breeze from Style - Dar falling - At 12 hangs down main topmart staypail and set main trysail - At 12 handwittown git - At 12 called "allhand, and took a reef in the Incoail and the second reef in the topsails. At end of watch on course & by I winder double reefer topsails, single reefer Johnail, fore topmart spaysail and made trysail From 400 am 6800 am Diercast - cloudy and vain until last how of watch when stight clearing - Niff to hard breeze from 18x & to 1/x 1/x - Bar, falling then steady - Lings awell from 1/2 with modelate sea from 1/2 increasing towards end of watch - Steventh a course Ext under same sail as preceding watch - At 6 to phort refer out of topouts and foresal. Quintinant U. S.N. From 808 to Meridian.
Cloudy to clear - fresh breeze to moderate gale from Hx S to N. H. x It. - Sea roughWe get troph few reefe in the tropsails - World 10 to took some water about own stirts.

Pail about hammoch netting - W 10 to tarometer hegan to show an upword tendency.

Ristillisia Lienterant U.S.N. Mendian to 4.00 J.M. being I for the althing misty drugshing last how moderate gate decreasing in force to fresh being I form I M by M- rough sea I while brothing deeply at times - Durning that how dree refer to prairie and put a single reef in the forbacil - Bent fore storm stagaril and storm missen - at 12 % patithe long reading 31.4 - Changes course to East - At engle or course to East - At engles course to East - At engles for a day on force of the sail and single reefer foresail - Baltines dort hatches y chapitable, at aft main mast.

Show W. Melyane. Gro. W. Williams Ensign From 400 P.M. to 8.00 J.M. res - Bardmett rising Plowly - Mr I to change course to Ex S. 9th 623 What fore topings stagrail - single reefer forwall and close reefer topical Ship trolling heavily lat times Distilling O.P. Jacken Ensign From 800 9.M to Midnight out breeze from It N. It - Bearometer rising, on course 6 by S. under same sale as privious watch the Helling

Paraller A and found to be correct

John Stewart Link & Navigator.

Ship Essex Shuport Ro. I. to Shu

					WIND.				BAROME	TER.	TEMI	PERAT	URE.			Rear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
M.	4	9	7.1	E. x S.	A. N. H	5			30,01	66	61	61	61	l.c	cis cum	7	C.L
2	5	1	12.2	4	4	1			30.02		61	61	6/	, "	"	7	1
3	4	0	16.2	7	. 4	45			30.02	66	62	61	61	t.c.d	Ou, nim	7	4
4	4	5	20.7			4			30.02						4	5	"
5	4	8	25.5		N. A.M.	3.4			30.02	66	62	61	63	0. c. m. p	11	0	d. 1
	5	4	30.9		of n. of	4.5			30.02	66	62	62	62	, "	ciria	0	14
	6	0	36.9		4	4.5			30.03				62	1	In on	4	1
	5	6	42.5		, "	5			30.04	66	63	62	61	ch.c.m	1 "	4	11
	5-	6	48.1		21 x N	4			30.05	66	64	63	62	,	nim	1	m
	4	5	526		"	4.5			30.05	65	65	64	62		fr in	5	4
	6	7	57.3		N. N. M	4			30.05	65	65	64	62	0. c. m. p	4	0	4
n.	5	2	64.5	,	N. N.E.	3			30.07	66	61	61	61	"	11	0	7

Course and distance made good since preceding noon by observations, $\mathcal{E}_{\mathbf{x}}$ × $\mathcal{N}_{\mathbf{x}}$	/52 knots. tenths.
(Latitude by D. R.	47 ° 22 " N
Longitude by D. R.	26 0 15" " 24
Position at Noon: Latitude by observations of ⊙	47 . 10 . " N
Longitude by chronometer from Forenoon Observations of O	26 000 " #
(Latitude by D. R.	47.0 16. " N
Position at 8 A. M. Longitude by Ove. 0	26 0 34, " 2
(Latitude by DP	47. 21. " N
Position at 8 P. M. {Latitude by D.P. Junn J. M. who o	47. 21. " N 25.02. " N
Current during the time, knots 70 tenths per hour, setting to the	5 /2 S.
Error of the Compass by Azimuth O observed at , ship's head	0 '
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 , "
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o
Water expended during the preceding 24 hours,	400 gallons.
Water distiller during the preceding 24 hours,	/200 "
Water remaining on hand fit for use at Noon,	2000 "
Coal consumed during the preceding 24 hours,	/ tons /400 lbs.
Coal remaining on hand at Noon,	105 " 400 "

Р. М.	2	69	67.1	6. 8.8. 1/2 8	1- 1	1	1/2	30.09	1 -	11	1-0	11	bed	a	2	m
1				E. 1/2 S.	North	10							1	cer · cum	16	"
2	3	4	72.4		- "	2-3	1/2	30.08	64	60	09	61	t.c	4	7	"
3	4	1	76.5	,		3	1/2	30.09	63	60	59	61	4	"	2	je
4	5	0	81,5	,	A by H	3.4	1/4	30,10	63	60	59	61	4	"	23334	"
5	5	5	87.0		N. NO 27	4		30. /2					"	"	3	
6	1	0	92.0	4	,	4		30./3					"	. 4	3	4
			97.5		N. N. by A	4		30.14	63	59	22	61	4		4	1
8		12	2.2		. 1	4		30.10	64	19	25	61	"	"	5	4
	4	6	6.8	"	N, A	4		30.17				58	4	cumi	7	
10	4	9 3	11.7	,	"	4.6		30 17	64	59	5-7		o.c. 7. g		0	
11	5	3	17.0	,	N. Hx H	4,5		30.10	-63	59	57	58	b. c. g	finen	6_	1
Mid.	5	2	22,2	4	N. 2.	4.7		30.15	63	60	58	59	"	"	7	4
						/						1				

under the command of Commander & T Strong. Sunday Jugust 29 ?

, U. S. Navy, , 18 97.

Commences and until 4,00 am Jair and cool-occasionally clouding over-light driggle between 2 = 4 3 = am. Moderate to stiff breeze from It. If - Blas maint then clearly. Lond amed from No wish moderate cross sed from VI. It. Ship rolling deeply at times - Steining a course Ex. S. under close refer toppaals, single respect Josephail and fore toppaal to tage at 2 2 shoots out close reef from toppaals and single reef from foresals. J. Sr. Jordan, dientinant USN

From 4 00 am to 800 am.
Organist to cloudy - passing shower first the house then cleaning to windward Moderale to strong It It a. It. to It N. It. breeze - Ut 5 to shook rule out of tapsacle and

at 1 12 set to g. soller, soyale and jet . - Distilling.

dientiment U.S. N.

From 8.00 am to Meridian Cloudy to overcast - Passing rain and wind - squallo - Moderale breeze in slift squallo first half - Simily 16 moderale breezes variable in direction between 1. St. N. B. last half - Moderale proble - at noon at main topmast stayeail. Rigger out furth trate - at end under fore and main topmast stayeails and plain possil to royale except flying jet, manisail and spanfeer.

Meridian & 400 J. M. Cloudy and cook driggle first hour - Juntle & moderale breeze from Not N. V. Bar. Retailey - At 12 2 changed course & 6/2 & (Ph. 67.1) At 13, 12 pet aparter - 12.20 main trysail - 12.40 flying get - 12 minger topmast alwaysail - Unbent fore storm staysail and states of minger - At elly under all plans carl to royale & fore main + miggen topmast staysails and main trysail. Wishelling J. Jackey.

Consign

From 4° 2 9. M. to 8.00 2. M. Cook and cloudy - Moderale breeze from N. N. H. to N. H. by N. - Bar rising M 2° 2 took in royale dough flying git all end of watch on course 6. 1/2 8. Sinder all plani I sail to toppallant sails and fore, main, and myen topmast play-sails and main trypale - Directing.

From 80 9. M. to Midnight

Moderate freeze week stiff to fresh squall from it - Steering a course & Barometer from falling - moderate swell from it - Steering a course & & Small same and a steering a course & & Steering a course & & Small same same safe as preceding watch - Of go took in main topmast stagnail and spanker - Distilling.

J. So Jordan, New Want US.N.

Johnly Tewart

Runt . * Navigator.

LOG of the UNITED STATES Shirt Essler To Plymouth Eng.

Reading Passage wind.

Reading WIND.

RAROMETER TEMPERATURE State of Porms of 3 & 4

1					WIND.				BAROME				URE.			lear ths.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the
A. M.	6	4	28,6	6. 1/2 8	N.N.H	41			30. Nº	63	5-9	18	59	b.c. 9.7	cis-cus	m +	m
2 0	1-	6	34.2		"	4			30.15	200	59		59	b.c.m	cum no	in 4	4
3 0	5	0	39.2	"	N. It by N	4			30.14		39	18	59	,.	"	5	"
4 1	1-	1-	44.7	,	, ,	4.6			30./3	63	57	56	59	t.c. 9. p	4	3	"
5 6		6	50.6			5.6			30.14	63	28	56	59	b. c. m. p	01/0 4-	3	
6 6	6	8	57.4	4		1.6			30.16	63	59	28	59	bam	stratus	5	
7 8	-	2	65.6	- ,		6.7			30.19	1	60	58	59	8.c. m. 9	4.	3	
8 8	8	4	74.0	,	"	6.7			30.19	-	-	18	59	0"		3	
9 8	8	4	82.4	"	"	6.7			30,22		60	59	60	t. c. m		3	-
10 6	6	1	88.5	4		6			30.22			18	59	t. c. m. 9		3	
11 7	1	3	95.8	11	",	6			30,22			58	60	"	stratus	3	
Noon. 7	7	J	3.3	"	N. 21	6			30.23	63	61	19	60	",		3	4

Course and distance made good since preceding noon by observations, $\mathcal{E}/\!\!\!\!/ \!$	/3 J knots. tenths.
(Latitude by D. R.	47 0 JO, " N
Longitude by D. R.	22 0 440 " 21
Position at Noon: Latitude by observations of O	47 0 25, " N
Longitude by chronometer from Forenoon Observations of O	2/2019 " 2/
(Latitude by D. R.	47.46. " N
Position at 8 A. M. Longitude by	22.58, " 2
(Longitude by D. R.	47. J/, " N
Position at 8 P. M. { Latitude by U, R Jum P. M. obs. 0	47. 51, " N 21. 03, " H
,	
	,4/.
Error of the Compass by Azimuth ⊙ observed at , ship's head	
Deviation of the Compass by Azimuth @ observed at , ship's head	o * variation used, ° '
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o
Water expended during the preceding 24 hours,	JOO gallons.
Water distilled during the preceding 24 hours,	1200 "
	2700 "
Coal consumed during the preceding 24 hours,	
Coal remaining on hand at Noon,	704 " 400 "
Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,	2707 tons 2/60 lbs. 184 480

P. M.	30 + 4	0	7-4	E 1/2 8. E. 1/2 A	1.24	6.7	30.2564625961 b.c.g	In on	4	m
2	8	6	20.0	,	A Hx H	6.7	30.23 646/ 59 6/ "		6	
	9	0	29.0	"		6.7	30.21 63 62 59 61 "	",	5	"
3	8	5	37,5	"	"	6.2	30.2163615961 "	eli, mi	2	*
	8	2	45.7	"	,	6.2	30.22 63 60 58 6/6. 0.912	1	2	4
6	8	3	54.0	"	*	62	30.22 63 60 58 6/ "	"	2	*
7	8	3	62.3		"	6.7	30.23 63 60 57 6/	cum	2	4
8	6	7	690		"	6.9	30.23 63 60 57 61 "	,	2	4
9	6	5	75-5	,	N. 21 Lu 24	5.7	30.24645956616.09		1	4
10	6	5	820		7. M 21	46	30.23 645956 610em.	nim eum	1	4
11	6	1.9	88.9	,	No W by N	56	30,2263 5856 60 f.c. g	6 .	1	. 4
Mid.	6	5	95-4		101	56	30.2263575660 1		3	9

bommander & Strong. Strong. Ougust 1304 under the command of U. S. Navy. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4.00 am bloody agnally with ram 1st and last hours. Moderate to aloff breeze from N. N. H to N. H. X. Y. - Under all agnare sail to S. S. sails, except mamail and git fore and migun topmart stagical and main trysail - At 12 took in missain topmast stagical and main trysail to a equal - At 32 took in topgallable sails to appeall and set them at 32 - Distilling. Wotherfure dienemant. U.S. N. From 400 am to 800 am Olondy to fair - cool - rain squall first how - Stiff to fresh breezes from N. H. by N. V - Moderate N. H. swell - At 5 to hauled in palent brown changes it - at 8th part main topmark staypart - lighter a steamer to Southward slanding to the Hesterary. Stro. W. Wiewaus Ensign From & 2 am to Meristian.
Scool from 4. It x N any N. It blowing in squalls - Barometer strady - Ut 9 to mirelant Instruction 3 million - Orininal Drills has follows - 1th Dir. Just 2000 - 2000 from der Distance - Orininal Drills has follows - 1th Land - Orininal Driver - Driver - Driver - Battery + Instruction 3 m Dir. Instruction - Or 1/2 set royale Dowder Dir. - Lignale - Second Period - Seamanahap Instruction - Ot 1/2 set royale Others on course & 1 x S. under all square sail (except mainsail) jet figure and the property of the straight of the second o Meridian to 4.00 J. M Books and pleasant - Truch bruge blowing in equally from N. H. to N. H. J. H. S. H. J. H. From 400 P. M. to 800 P.M. From 8° 9 M. to Midnight.

Grown 8° 9 M. to Midnight.

John H. N. H to Lt. H. N. 1 - at 195 habiler down main topmast staysail - Pat 100 very black aguail passed over with shower.

M. O. thelmes. M. O. Huling Lientenant U. St. John Thert - Navigator.

LOG of the UNITED STATES Ship Essel R. I. to Plymouth Eng.

			Reading		WIND.				BAROME	STER.	TEM	PERAT		State of	Forms of	of Clear in 10ths.	te Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Sky, in 1	State of the Se
A. M.			95.4										,	1			
1	6	2	1.6	6. 1/2 N.	N. 21	1.6			30.20		.10	V 1	60	b.e	cum	6	m
2	7	1	8.7	"	N. Hx H	5.6			30.21	63	18	56	60	4		8	"
3	6	6	15.3	"	N.N. St	J.6			30.17	62		56	60	"	"	9	"
4	6	7	22.0	,	"	5			30.17	63	59	57	60		"	6	4
5	7	1	29.1	,	N. It by It	5.6			30,17	62	19	57	60	b. c. gr	nimb	2	2.
0	6	7	35,8		H. NO H	5-			30,17	62	19	57	60		cum	3	
	·t	3	42.1	"	H.N	5.6			30.18	62	58	5-7	60	t.c. pa	neme	2	
8	1-	9	48.0	1	"	5			30.18	62	19	58	60	f.e		2	1
9	6	0	54.5	"		5			30.15	63	60	59	60	"	cum nin	12	1
	4	R	593			5			30,10	63	61	59	60	,		4	1
10	6	5	65-8			5			30,14			59	60			1	1
11 Noon.	5	-	71.3	"	"	4,5			30/3			159	60	"	cur str.	,2	1

Course and distance made good since preceding noon by observations, & J. E. /4 E. /68 knots. tenths.	
(Latitude by D. R. 46 ° 30' ")	
Position at Noon: Longitude by D. R. // 0 23 , " If the state of the	
Latitude by observations of O	
Longitude by chronometer from Forenoon Observations of © 18 o 27. " H	
(Latitude by D. R. 46021, "N	
Position at 8 A. M. Longitude by to 0	
(Latitude by D. R 48° 34', " N	
Position at 8 P. M. Longitude by	
Current during the time, 0 knots 25 tenths per hour, setting to the 2. 15°7.	
Error of the Compass by Azimuth O observed at , ship's head o ,	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head o , variation used,	0 '
Error of the Compass by Azimuth ⊙ observed at , ship's head	
Deviation of the Compass by Azimuth @ observed at , ship's head o ' variation used,	
Water expended during the preceding 24 hours, 400 gallons.	
Water distilled during the preceding 24 hours, 200 "	
Water remaining on hand fit for use at Noon, 2500 "	
Coal consumed during the preceding 24 hours, - tons Mbs.	
Coal remaining on hand at Noon, /03 /920	

P. M.	03	77	72:0	8.1/2 S.	Hest	4		30.12	62	60	58	60	f.c	er'-sli	2	C.M
	3	14	75.7	N.E. IL N	"	4	1/4	30.10					o.c	11	2	4
	3	3	83.3		, ,	4.3	1/4						0. c. m	In. N.	0	4
		1.	85.K	" 1	ANXH	3.1	1/4	30.06	63	19	58	60	0. e. m. s	-	0	4
5	3	3		€ 1/2 8.	SHXH	2.3	1/2	30.03	64	56	56	60	"	4	0	4
6	1	5	90.3		8.71 x 8.	2,3	1/2	30.01	65	12	56	60	,,		0	4
7	1	0	-		0.00	1.2	1/2	29:99	965	55	55	59	"		0	4
8	0	5	-	1	8.8 %	1.0	-	29.97	6N:	55	55	59		4	0	4
9	0	3	-		A. N. M.	1.0	-	29.97	67	55	55	59	-4	1	0	4
10	1	5	-		Nx 2	1.4	1/4	29.96	67	50	53	17	0,0,9/2		0	4
11	4	8	95.1	, ,	,	45	1/2	29.94	465	57	56	59	ocom		0	
Mid.	5	8	0.9	"		4.6	1/2		64	5-7	56	17	"	cu. A.	0	4

Commander & 1 Strong. under the command of , U. S. Navy. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am, Fair- evol- stiff to fresh breize from N. H. -N. H by H. M. H. - Moderate sweet.

At 32 Joung git to be Split - Set Fore topmant abayeail - hauled down and stower get - At end on course to 1/2 N. under fore topmant stayeail, foresail, and single reefed topsail - Bat. Jacking.

Bro H. Wighen From 400 am to 800 am Thom 45 um as a genally. Stiff to fresh breeze from N. H. by H. to Hx N. - at 5-54 took in Josevail repairtor hale when in let by chafing on fore stay and reset it at 6 2 at 75 chook reef out of topsails - I the end for course 6 4 N. under Joy topmast stays all, foresail and topsails - Barometer strays, Ship rolling heaven at times. Cloudy and cool - moderate to stiff belove from it by t. - Bar, stady- It 8 is at together pails I'm got mustave at hunter after which appropriate mere instructor in scannanche at 10 miles hander down fore topmant stagnace who get fit - Exercised apprehit of males at signals I'm pertor - By distribution of the Commanding Officer from the I. I distributed as signals. I'm pertor - By distribution on the aday while for 24 hours for distribution of the Commanding Officer that hours for distribution of the aday while for 24 hours for distribution of the aday of males of the hours for distribution of the aday of males of first under topsaile top again and per of the source of first under topsaile From 800 am to Meridian Meridian to 400 J.M. Overcast cloudy, raining last how I watch dight airs from It to It It x It - Bar falling the steady - hong whell from It - Shile willing delipty at times - Steening a course E/Nt. under a and sail too precioning watch - W 1.22 by order I Coundy Min changed course to E. /2 S. - Ot 1.22 to IN. E. I. N. - Ot 1.22 to IS. E. I. N. - Ot 1.20 to It S. I At 32 follow fore top gallow rail repaying out of both sope at atto had earing took it in which and sont down - which rew top gallows sail. It 3.4 took in and firster man top gallows sail. J. My Jordan, at 130 exercises apprenties at signals and making mater duntemant USA From 400 P. M. 680 P. M. changer evenue to 6 1/2 & - S. h. 185.4 - Of 62 took two rufe in the topsails. Bal falling steadily Worthsline Mentinant M.S.N. From 800 9. M. to Midnight. hour - At about 90 the wind shifter to 1st. by It and increased in force to moderate burge - During last half wind increased in force to moderate burge - During last half wind increased to great breeze - Bar. Falling - at 100 at tapeal - 1 At 112 set Jose topmast staysail and slowed jet - At sow under fore topmast staysail, and double reeffect topeals Tro. W. Williams Eneign. Examined and found to be correct. John W. Thursh Lieut Navigator. 37. Stronglorda W.S. dr. Comage Opproved.

LOG of the United States Ship Esser Clymouth. Eng.

F			T		-	WIND.				BAROME	ETER.	TEME	ERAT	URE.			18.	9
	Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the Se
A.	M. 1	5	7	6.6	6 x 8	N. 49 14	6		1/4	29.94					o.c. m. g	Cu. N.	0	2.7
	2	6	3	12.9			6.7		1/4	29.93	63	58	57	59	, "	4	0	"
	3	6	1	19.0	"	N. W by N.	6.7		1/4	29.93	63	58	57	59	6. c. g	4	2	4
	4	5	8	24.8		N. IF	6			29.92			57	59	o.c. m q }	"	0	"
	5	6	2	31.0		4	6.7			29.94	63	57.	57	54	0. c. m. 1	4	0	4
	6	6	5	37.5		4	6.7			29.94	63	59	18	59	b.c. m. / 9	1	3	m
	7	6	8	44.3	,	N.N. 4	5.7			29.95	63	58	57	59	" 1 1	0 4	4	
1	8	6	3	50.6	,	"	6.7			2997	63	59	28	59		for cum	3	"
100	9	7	0	57.6	. " .	"	6.7			29.99	62.	60	59	59	b.c. po 1		4	"
1		6	2	63.8	E. 1/2 8.	4.	6			30.01	62	60	59	59	"		4	"
1	33	2	4	71.2	",	N. H.N	6.7			30.01	62	60	59	59	"		4	"
No		7	5	78.7	6 1/2 N.	"	6.7			30.01	6/	60	60	60	"	"	5	N
					,													

		1 60001	-		
Course and distance	e made good since preceding noon by	observations, 6. N. 6. 1/4	6. 105 knots.	tentifs.	
	(Latitude by D. R.		7,001,		
	Longitude by D. R.		W . 50.	" Tr	
Position at Noon:	Latitude by observations of O		48.042,	" N	
	Longitude by chronometer from For	enoon Observations of O	15 0 55,	" It	
	(Latitude by A. R		48 044.	" N	
Position at 8 A. M.	Longitude by Me. 0		16.36,	" H	
			49.03.	" N	
Position at 8 P. M.	Latitude by DTC. from	P.m obo o	11.41.	" H	
Current during the	time & knote . 37 tenths ner	hour, setting to the Sx Th.	3/4 24		
	ass by Azimuth O observed at	, ship's head	0 1		
	ompass by Azimuth © observed at	, ship's head	0 ,	variation used,	0 '
	ass by Azimuth O observed at		0 ,	. "	
	ompass by Azimuth © observed at		0 (variation used,	
	ompass by Azimuth & observed at	, only one	400	gallons.	
Water expended di	during the preceding	24 hours			
		24 110013,	2100	"	
	n hand fit for use at Noon,		- tons -	lbs.	
	ring the preceding 24 hours,			20	
Coal remaining on	hand at Noon,				

P. M.	7.	5	86.2	6. 1/2 N	A. H Ly N.	6.7		-cu 4	2.1
9	7	6	93.8		.0	6.7	30.02 6/ 60 59 60 f. E.	, 5	1.
3	7	6	01.4		N.N. H	6.7	30.0263 61 60 60 F.c. all p	" 1.	4
4	6	6	8.0		"	6.7	30.03 63 61 60 60 f. c. ar	4 4	4
5	6	8	14.8			6.7	1/2 3004 63 60 59 59 "	4	4
6	6	7	21.5			6.7	1/2 30.05 63 60 54 54	4	4
7	6	5	28.0			6.7	1/2 30.07 63 19 58 59	. 3	4
8	6	0	34.0			6	1/2 30.08 63 57 58 59 1.ca/b	. 3	
9	6	J	40.5		"	6	30.09 63 59 J8 59 L.C. If ni		-
10	6	6	47.1		*	6	30.11 63 59 58 59 6.0.91	. 6	
11	6	1	53,2		*	6	30.1162595859learl	. 6	4
Mid.	6	8	600			6	30.11 63 59 58 59 8 6 9	. 5	4

and of bommander & T. Strong. under the command of RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences, and until 4 02 am.
Overcast - cloudy and agreely - Raining last hour - Trush breeze from Nx St to N. It.
Bar, falling stroly - On course 6/2 St under fore topmast staysail, Journal, double refer topprails and main trysail.

O.P. Jacker Frign From 42 am & 82 am.

Very with passing rain equalle- Fresh bruge blowing in equally from N. M. to N. N. M. Barometer vieing slowly- Executive morning orders - On course E. /r S. under same sail and preceding watch.

Design From 82 am to Meridian.

This and pleasant with light passing showers. This breeze from 1. It xVI. - Bar, vising them

alteredy. Morderalt sea from It It ship rolling deeply at time. Sterring a crosse to 1/2 times

samels aid as preceding wealth - At 10 2 by order of Condity Officer changed course to 6 2 1/2 2 to

saurciast fore and Main Ist appointies at signale - By order of Condity Officer released from

confinement and restored to duly D. S. Little of It. I Militared appoints allow expiration of

confinement. By same authority confind for here days on bread ay water, coldary

confinement It. My Murray (applies 20) for committing musance on gun deck; land

confirmed for one day on break and wheth, politary confinement A.D. Batis of D.C.

Affine disobedience of orders - Ino barque I in sight during water danding

L. Of Jordan. Meridian to 400 P.M. Cloudy - aqualing, very fresh breeze from N. M. X to N. N. H wish tendency to have during aqualle - It 2 to to took in maintaining and at 3 40 took a second rest in the topsailed and a single reef in Joresail - Sea long and occasionally heavy - Exercised watch at signal and making - Darbmette steady.

Moth h Wolfulane hintenant US From 400 9.M 6 8'00 P.M From go P.M. to Midnight second hour Fresh been from M. M. M. - Barometer wing slowly - La long, and moderally heggy at timey - On course 6/2 M. under same sail as in spreeding watch - Ship rolling heavily at intrule preceding watch - Ship rolling heavily at intrule Examined and found to be correct. Johnlistwart Link " Navigator.

LOG of the United States Ship Essex Plymouth Eng. Rate,

			Reading		WIND.				BAROME				TURE.			Clear 10ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C	State of the Se
A. M.	6	5	66.5	6 1/2 N	1. N. H	6.7			30.09	63	59	38	-59	ticg p	eisen	5	d.
2	6	2	72.7	4	4	6.7			30.09	62	58	17	59	,"1	4	6	1
3	6	6	79.3	"	,	6.7			30. 10	63	18	57	59	t.c.91	"	6	
4	6	6	85.9	4	4	6.7			30.10	63	28	57	59	"	"	5	
5	6	6	925		NxH	6			30.11	62	1	57	59	"	Er "cum	4	
6	6	6	99.1	"	3	5.6			30./2	62	58	57	54	. "	straki	4	
7	6	6	5.7		N. H x N	5.7			30.13		17	18	59	6. 9. 9 1	nimb	4	
. 8	6	5	12.2	E. 1/2 8	N.N. A	5.6			30.15	61	60	19	09	t. c. 9	"	4	
9	#	3	16.5	6. /2 0	"	5,6			30.15	61	60	59	39	t. 0. 9. 1	"	4	
10	5	1	25.7		4	5.6			30,15	61	60	19	59	t.c. q.		4	
11	6	5	30.2	"	NxH	5.6			30.16	1-1	18	58	19	L. clap	-	4	1
Noon.	6	3	362	4	"	1.6			30.16	60	18	58	59	1,	1.	4	1

Course and distance made good since preceding noon by observations, & 3/4 //	/5'3 knots. tenths.
(Latitude by D. R.	49 0 36, " N
Position at Noon: Latitude by D. R. Latitude by O. R. Latitude by Observations of O	49 0 36. " St 12 0 8. " It 49 0 6. " St
Longitude by chronometer from Forenoon Observations of O	12.05, " 24
Position at 8 A. M. Longitude by	49.30, " N 12.39, " H
Position at 8 P. M. { Latitude by - APR from P.M. As, 0	49 . No. 10 . 10 . 10 . 10 . 10 . 10 . 10 . 10
Current during the time, / knots . 25 tenths per hour, setting to the &	146
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 / "
Deviation of the Compass by Azimuth O observed at , ship's head	o ' variation used, o '
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	u u
Water remaining on hand fit for use at Noon,	1700
Coal consumed during the preceding 24 hours,	tons 800 lbs.
Coal remaining on hand at Noon,	103 " 1/20 "

P. M. 6 6 43./	6. 1/2 8.	1.1	5.6	1/2 30.17 60 58 58 59 fre 4 p Prim 3 L	m
- 2 6 6 49.7		"	5.6	12 00,1100 013131	4
3 6 8 56.5	"	"	5.6	1/ 30 19 60 14 1-8 59	"
5 3 9 70.0	East	North	5.6	1/20211 111 50 50 50 D. in ei -em T	"
6 6 0 76.0	. "	"	5.7	1/2 30.21 60 57 57 59 4 C. Q. B " 3	"
7 5 9 81.9	"	,	5.7	1/2 30,22 6/ 57 57 59 " " 2	
8 7 0 16.		"	6.2	1/2 30.26 61 57 57 59 0.c. g.p on. n 0	"
1- 1 011		"	6.4	1/2 30.26 60 57 55 59 0.2 9 2 2 2 2	4
11 5 4 37		"	6.7	1/ 21/10 (9/50 (1) 17)	1
Mid. 5 2 8. 9		,	6.5	1/2 30. 30 59 57 55 59	

under the command of bommander & J. Strong Thursday, Sept. 2nd , U. S. Navy, , 18 97 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am Cloudy and equally - Jush breeze blowing in squalle from N. N. H-Barometer altady - While Nothing heavily let times - In warre to hit under double guft topsable, single reefect forwall and fore topmast staysail DIFfellson Energy

From 40 am to 80 am

Fair and pleasant with passing rain squalle - Slip to fresh treeze with very

fresh aqualle from Nx It to It. It x Nt. - Darometer ming - Long swell front

It It. ship rolling deeply at times - Steering a course & I. W. under same

sail as preceding watch. At 60 shook breef out of fourier and set main

tryait.

Lieulen ant Uset. From 800 am to Meridian

Cloudy must methodasing squalle of wind and rain - strong to stiff bruge from

N.S. It to It N' occasionally hauling to It x & during a squall and then verying

again - Of J = shooth selevery from got to squall and then verying

Cleves down topsails and hauling from got to squall - Of 1112 hoises topsails

again - Port reper fore topsail though both carried away - By order of condig.

Mich a I. Dalle (230) was released from confinement often having lea
allest and S. Tilly was confined on bread and maler for one day. There dis
bredience of orders.

ientenant US

Meridian to 400 J.M.

I by It - Miderald amely from It - Bar riving - Ot 20 set jet and main topmast starpail - Stering course & Ir S. - Ot mid under jet, fore and main topmast starpail - Joreant and engle rufed topsail.

Gnoign From 400 S.M. to 800 P.M.

From H = 1 M to 2 - 5 M having aqually of wind and rain - Stiff to fresh breeze from Nort - Moderate sea - Box. rising - Took in main topment stay all and get late 4 to the second to the second of the 12 changes come to Gast (S. 6. 1). At 6 2 took second Need in topsails, and single reef it forward for and single reef it forward main topsail. It great forward days and single reef forward doubt seefer topsails of main topsail.

From 8 2 9 M to Midnight Deach bruge blowing in aqualle from North Barometer riving - on copiese East under same sail at previous watch - Of 8 took a bounding in 10 factions, fine gray sand, black specker. Della Gray

John Willewalt & xarigator.

LOG of the United States Ship Essive 3rd Rate, Making passage from New port. Ro. J. to Slymouth Eng.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.			least.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the
A. M.			5.9											,	2		2
1	4	6	13.5	East	North	6.7			30.30						from	-6	n
2	5	0	18.5	. ,,	"	6.7			30.33					,. /	"	4	1
3 -	4	9	23.4		"	68		1/2	30.31	18	36	リジ	18	b.c. p. g/	"	6	
4	3	7	27.1		"	67		1	30.30	19	56	55	58	b.c. 91	"	4	1
5	3	9	3/.0		,	6.7		/	30.32					,,/	4	4	
6	5	0	36.0			67		/	30.83					b.c. 9 6	,	3	
7	4	4	40.4	,	Nx &	6.7		1	30.36					",1	4	4	
8	3	3	43.7	4	"	4.6		1	30.38							4	1
9	4	2	47.9	4	,,	5.6		3/4	30.39	19	18	17	18	6.6	ci-cu	V	1
10	3	9	51.8		North	5		1/2	30,40	34	57	56	59	",	"	6	
11	5	8	57.6		. ,	5		1/2	30.42	60	08	56	59	,	,	6	
oon.	6		64.5		,	5		1/2	30.43	60	28	56	59		"	7	
																100	

	2" (
Course and distant	the made good since preceding noon by observations, 6. 14 S	/25 knots.	tenths.
	Latitude by D. R.	490 250	" N
	Longitude by D. R.	8 0 56.	" N
Position at Noon:	Latitude by observations of ①	49001.	" N,
	Longitude by chronometer from Forenoon Observations of ②	9 000.	" N
	(Latitude by N. R	490 13.	" N
Position at 8 A. M.	Longitude by of 0	9025.	" H
	(Latitude by D. P.	49022	" N
Position at 8 P. M.	Longitude by D. R. from P.M. obs. 0	80441	" N.
Current during the	time. I nots I tenths per hour, setting to the S /	2 %.	
	ass by Azimuth ⊙ observed at , ship's head	0 1	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 /	variation used, o '
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	"
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0_ /	variation used, o
Water expended di	aring the preceding 24 hours,	450	gallons.
Water	during the preceding 24 hours,		4
Water remaining o	n hand fit for use at Noon,	1250	4
Coal consumed dur	ring the preceding 24 hours,	_ tons _	lbs.
Coal remaining on	hand at Noon,	103 " 1/20	

72 P	. 7 M	0	7:	65.2	East		T		
				71.0	E. by A	N. by M	5	1/2 30.4459 57 56 54 b.c ci-cu 7	m
	2	7	4	78.4	1.	N. NOT	5	1/2 30.4460 57 56 59 " . 8	4
	3	7	4	85.8		,,	5	1/2 30.44 60 57 56 59 " 8	4
1	4	7	/	92.9		"	5	1/2 30.44 60 57 56 59 " 8	
				100.2		1	5	1/2 30,43 59 57 56 56 " ci-cu 5-	4
	6	6	8	6.8		N. W. A	5	1/2 30.43 59 57 56 58 v.c.g/p 4	
	7	7	3	14.1		" .	5	1/2 30.4460 55 55 56 " 2	4
	8	5	4	19.5		N. H. A. H.N	5	1/2 30.446/56 54 58 b.c.4 3	4
	9	2	0	25.1	6. N.E. 1/26	A. HIN	3.6	30.4361575458 6. 0. 4/10 6	11
	10	7	5	32.6	4	"	5.6	30.43 61 57 54 58 b, c. of ci-en 6	4
	11	7	3	39.9	4	"	5.7	7 30.43 61 57 54 58 f. c. 4 6 cina 4	
М	lid.	7	3	47.2		"	5.9		
1									

under the command of lower and the Strike , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and until 400 am. Clear with occasional rain squalle - Fresh buye with very fresh to heavy aqualle from South - Barometer ring then falling. Moderate set with long swell from It to Not show rolling deeply lat times. Storing a course East under laouble reflect tophails, seingle breefew foresail, fore Itopmast claysail and main trysail. At or took sclose reef in topsails. Lieutenant. U. S.A. drom 4 = am to 8 = um brush from the squally - passing rain squall second hour-Moderate to very fresh buse from the worth to NxE I - OH 44 shook close seef out of toplates of the close seef out of foresail Baronster wains Darometa rising Motherfue From 8 am to Meridian. Dieges from N fg & and N - Moderale swell - At 9 3 chroch out second refe in topsaile - At 10 2 shooth out all sufe and set gib, main topmast staysale and spanker - At end one everal East under fore and main topmast staysale and plann sold to top sals Muster at Inarline at 9 3 - Exercise port halt of I sweder Divisions at signale - By order of Comday, Officer reliand & d Sield (a.s.c.) from confinement and by same authority confine I. A. Deartonn (a.s.c.) in solitory confinement on bread and water for one aday for slowing himself away while water with on bread and water for one aday for slowing himself away while water dientenant. U.S. N. Gu. W. Walvary Meridian to 400 J.M. Clear and pleasant - Stiff bruge from It by M. my N. N. It - Barometer steady at 1207 changed course to 6 . It (9 & 16.2) At 1240 , est top gallant saily espectable apparentias starboard walch it righted - Hotelit colors to Norwigan tark which passed to windward close aboard, standing to St + H2 - At end on course & N. emder plain sail to top gallant sails and fore my main topmast stayage. Graign. From 400 P.M. to 800 J.M. Of 600 Cloudy and cool - Stiff bruze from N. N. H. backing to N. M. - Barometer strate, and top state of watch on course 6. No under topsale, course, pt., fort land main topmast staysails. De Pelling. From 5= IM to Meidnight with occasional light showers Tenets to stiff breeze with slights fresh advable from N. N. - Darobulte stade- Moderalt sea - Steering a viewer & New Holer all seam sail as preciding watch - 10th 5th by order of Comby of floor Langes course to 6.16. 16. -01/0 th aules down than topmast stages with 10th hands of further marked of Steering hand of the 1th Steering and tound represent standing to the 1th I steering and tound represent standing to the 1th I will see the Steering hand to th ientenant U.S.N. John Witherat Navigator.

			Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the S
A. M.														1			
1	7	5	54.9	E. S. E. 1/26	N. It by N.	5			30.42					4.0.9	fr. cul	r5-	m
2	6	9	61.8	4	, (1			30.42					6.0.9 p	"	5	-
3	6	7	68.0		,	5			30,42	6/	56	14	59	6.c.g	"	5	"
4	6	18	75.3		4	15			30.42	6/	35	54	19	1. c. 9/2	. ,,	5	
5	4	2	80.7	6. by N	16. 76. H.	4			30.41	6/	55	54	57	t. c. %	"	4	"
6	5	2	85.9	,	"	4.7					1	54	57	41		4	11
7	4	6	90.5	"		4			30.42	61	17	17	57	1.0	0 "	4	"
8	4	8	95.3	n	16. 2. by n	4			30. V3				56	f. c	gr. an	5	4
9	4	9	.2		N. N.OH.	4			30.44	19	19	57	57	"	4	5	
10	4	5	4.7	4	"	4			30.45				5-7	"		3	
11/	5	7	10,4	, ,		4			30.47	18	56	22	57	"	1	3	4
Noon.	3,	2 1	13.6	1. E x E /2 E.	N. H x 24	4			30,47	18	18	56	57			5	4

Course and distan	ce made good since preceding noon by observations, E. N. E. 1/4 E.	/40 knots.	tenths.	
	Latitude by D. R.	50 0 /3'	" N .	
	Longitude by D. R.	50 3K1	" #	
Position at Noon:	Latitude by observations of O	49 0 47.	" N	
	Longitude by chronometer from Forenoon Observations of ②	5035,	The same of the sa	
	(Latitude by D. R	49050.		
Position at 8 A. M.	1	6004.	" It	
Position at 8 P. M.	Longitude by N. R. Jim bearings Longitude by "" "	10007.		
Position at 8 P. M.	Longitude by " " "	4037.	" W	
Current during th				
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head		variation used,	0 '
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,	"	
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 /	yariation used,	0 '
Water expended d	uring the preceding 24 hours,	500	gallons.	
Water —	during the preceding 24 hours,			
Water remaining of	on hand fit for use at Noon,	750	"	
Coal consumed du	ring the preceding 24 hours,	/ tons 96	O lbs.	
Coal remaining on	hand at Noon,	102 " 16	0 " .	

P. M.	24	545	19.3 18.7 25.2 26.5 31.6 33.8	N. E. X.E. N. E. 1/2 E	St. 21 by 24	4.5		30.47 5	7 18	-57	5.7	be	oi.eu	5	m
2	34	330	28.5	A.YEE		1-		30,46 56	, 58	56	57	,,	,	7	"
3	6	7	40,5	,	A. A. 24	4		30.46 57	7 58	55	5-7	4		7	
4	6	3	46.8			4		30,46 53	9 18	5-6	57	4		7	
5	4	8	51.6	6 1/2 N.	It by N.	4		30.46 59	157	56	57	4	ci-s	8	5
6	4	3	55.9		Thest	4		30.46 60	157	56	56.		ou s	6	4
7	3	1	59.0			3		30.46 60	157	56	56			5	"
8	4	2	63.2	,	1	4		30.46 61	156	55	56			5	4
9/50	4	4	67.6	11.	,	4		30.46 60	56	56	56			4	
10	4	2	71.8	S. 7 8		4		30.45-60	, 57	56	55-			8	"
11	2	5	73.5	5.5 4 /2 24	"	4	1	30.45 5	7 57	56	55			7	4
Mid.	2		100000000000000000000000000000000000000	"		4	1	30.45-57				4	"	7	

Som mander & J. Strong. Saturday. Sept. 4th J. , U. S. Navy, , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4 00 UM. Love of Richops Rock and It agree atte - Course 6 St. 6. 16. under git, fore topmast staysail for sail and topsails. At our of rate thilly does for broad off port book lights not with from deal From 4° Um to 6° Um.

Cloudy to fair - aqualle of wind and rain frist half. Moderate breeze Jum 1.1.34

and 1. it by 1. - Sakah aquall, excound hour. Barmeth rising stoney - Wit 44°

patient log 195 changes course to 6 by 1. - 0. = sighted facing hight on post beam

from aloft M 1° made out land broads on post bond - I summite if vessels in sight during watch - Of end under same sail as precising nights 2840. W. William From 800 am to Meridian. plan pail to royale (except spanker) and all topmart stay acids - Course M. Ext 1/26 Meridian to 400 9.M. Charcool and pleasant-Moderale breeze from 1. It by It to It. 1. It. Bar, steady - At 2° made the Sellowing eignale to station on degard "G. G. J. D. B. D. R. R. S. J. and in refuly to B. P. F. from agreed by B. D. T. G. At 1st took in and unbent migger toping at a large of the main toping unbent migger toping get my man toping and subject of the latter 1. At 2'2 took in mainstail and hours forward - Several results in eight during walch. The Angul down not toping walch. The Angul course as follows 12 to the by 6 (P. L. 23.2) - 12 to the 1/6 (P. L. 25.2) 12 to the 1/2 to the 1 From 400 B.W. & 200 J.W. Clear of pleasant Sente to moderate breeze from Hall to H. - Dan steady - Smooth sea - Steering a covere bett. - No hange of paid - Jot up smoke pipe and gest on steaming covere & Several sails in sight - At 62 made Eddystone high half a point on post bow.

Staylore high half a point on post bow.

Lieutenant USV. Frong 8° J.M to Midmight.

Jair and col. Moderlete heere from the Nest - At 9° hanles by wing, on sitt tack to set chanker Course

SSN: 1/ 11-C.R. His Many passing repails - At end of watch Eddystone At maning about one point on post quarter.

At 8 2 starter free and tound to be correct.

Nothing the Resembled and tound to be correct. John W. Thurst in Navigator.

			Reading	,	WIND.				BAROME	ETER.	TEM	PERAT	TURE.		0	Hear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the S.
. M.	/	8	76.0	8.71. /2 8	N.N.N	3		1	30.45	. 79	57	56	13	l.c	ci-cu	4	1
2	2	3	80.2	N.Ex N		3		-	30,45	59	5-7	57	57-	"	"	4	-
3	6	3	86.5	,	West	4		-	30.48	59	57	57	17	0.0	cu n	0	
4	22	74	89.2	North N. W.	S. Wx. H	4		1	30.42	19	57	57	55	,		0	
5	1	4	90.9	N. H. 1/2 N	N. S. W.	4		1/2	30.39	19	18	17	55	0. c. m	Ju cu	0	
6	1	6		N.H.N		4		1/2	30.38	19	19	58	15	0.c. m.d.	nim	0	
7	Vande	4 4		various		4.6			30.37	59	19	18		0.c. m. p. q	"	0	
8	for h	Ludier	44	2. S. W		5.6			30.35	19	59	18		","	,,	0	
9	at	and	hor	M. by S.	It by S.	5.6			30.34					"	,	0	
0				N. S. M.	/,,	5.6			30.35						,	0	
1				1/x S	"	5,6			30.34					0.8. m. q	"	0	
on.			4	"	West	65			30.33	61	59	59		0, c. m. ld. g	"	0	

Course and distance	e made good since preceding noon by observations, $\mathcal{E}_{x} \mathcal{N}_{y}$	66 knots. tenths.
	Latitude by D. R.	0 / "
	Longitude by D. R.	0 / //
Position at Noon:	Latitude by observations of ⊙	0 / //
	Longitude by chronometer from Forenoon Observations of O	0 , "
	Latitude by	0 / //
Position at 8 A. M.	Longitude by	0 / "
	Latitude by	0 , "
Position at 8 P. M.	Longitude by	0 1 11
Current during the	time, knots tenths per hour, setting to the	
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o ' variation used, o '
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 / "
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended du	ring the preceding 24 hours,	JJO gallons.
Water distill	during the preceding 24 hours,	400 "
	n hand fit for use at Noon,	600 "
Coal consumed dur	ing the preceding 24 hours,	2 tons //201bs.
Coal remaining on	hand at Noon	99 " /280 "

P. M.	Heat	Hest	7.9	30.30 62 19 59	0.4 m. 9/6	en o
2	HXN	H x N	2.9	30.27 62 59 59	11/1	0
3	4	1	7.9	30.27 62 60 60	"	, 0
4	4	,	7.9	30.25 62 60 60	"	. 0
5	"	"	7.9	30,21 62 60 60	"	, 0
6		4	7.9	30,21 66 60 60	0.0.0.2	4 0
7	West	"	7.9	30.19 68 6/ 6/	/	. 0
8	,	." 2	7.8	30,21 68 61 61		. 0
9	"	1 21 x S	7.8	30.2269 60 61		, 0
10	"	"	5.8	30.2166 60 60		. 0
11			5.8	30.21 66 60 60	o.e. 9. k	. 0
Mid.		Hest	5.8	30.20 67 60 60	1/	. 0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 42 am

Condy to overast -col- Sente breeze from It. It backing to S. It by It & increasing in force to moderate breeze. Dar falling aboutly - at 12 word shop, and headed in to 5° of Eldystone Light-On course. It & by It. -alt 32 changes course to North and 32 to N. V. - Satish tog at 32 & S. J. - at 32 to 8. 2. - allend sliving N. It by wine on Post tack unfor fore tophest slageace topsails and chanker, with Eddystone at hearing It. S. V. distant 3 mi. - A number of vessels' lights in sight during watch - Starler distilling into tanks at. 12 4. The Niliaus Change

From 4 = am to 8 = am last house - Bar falling Moderale to fresh bruse from It St. Strong by the strings on port tack under topracte - free topmast stagnail and spankey with 6 to when furlest all sail and stored in for anchorage in Remnuck harton under setam abone. Commanding Officer at the Com. At 17 to anchoral in 7 fm of water in Plymouth harton - weights anchor again at 7 to and at close shifting beach. At 4 to a solver in Palint hop reading 919 - Nichtling.

Meridian to 4º 9. M. Were deady - rain and mist. Very fresh bruge to strong gate from M. to M x N. Barometa rising.

From 4° 9M & 5° 9M.

From 4° 9M & 5° 9M.

Dentinant, N. S.V.

Bor. Stady - at 6° veres to so fathoms. Piles Hanked in boilers & 13° 40°
Distilling.

Onsign.

From 800 9M to Midnight.
Overeget, cloudy brain - passing showers latter part of watch - Stiff to fresh bruse with heavy squalle Jion It x M to It x S. - Daramila rising them Jalling.
Distilling.

Examined and found to be correct.

John Witwah Navigator.

fordan d'interant US. N.

LOG of the United STATES Ship Essia England.

			Reading		WIND.				BAROMETE	R. T	EMPERA	TURE.			Tear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height In inches.	ier.	Bulb, Air, Wet	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S.
A. M.				Hest.	H×N.	5.7			30.19 6	F	0 60	,	o. c. q. s	en	0	
2				N. N. W.	N. N. W	4.6			30.18 6	66	0 60)	1	"	0	
3				N. 35	n. m	3.5			30.19 6		0 60		0.0.2	"	0	
4				North,	"	2.3			30.18 6				"	"	0	
5				"Mout	"	2			30.186				1"	"	0	
6				16, Mx n		1.2			30.18 6		1		b.c.m. f.		2	
7				A. N. W	,	1.2			30.156		/ /		o.cm.p		0	
8				0.11	,"	2			30.19 6				0.C. r		0	100
9				8. 2. by H	Hest	23	-		30.196				"		0	
10				8.78	7	2-3			30.19 6		0 60		"	"	0	
11				It by S	7	3-4			30.19 6		0 60		"	"	0	
Noon.				0"	,	3-4			30.176	16	0 60		.,	.,	0	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.		"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of O	0 ,	"
	Longitude by chronometer from Forenoon Observations of O	· ,	"
	(Latitude by	0 ,	"
Position at 8 A. M.	Longitude by	0 /	"
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth O observed at , ship's head	0 /	
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 1	variation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,	"
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 1	variation used, o
Water expended du	ring the preceding 24 hours,	600	gallons.
Water dist	during the preceding 24 hours,	1/00	"
Water remaining o	n hand fit for use at Noon,	1100	"
Coal consumed dur	ing the preceding 24 hours,	2 tons /3	160tbs.
Coal remaining on	hand at Noon.	96 " 2/6	60 "

P. M.	1/1/	11		11/1/			
1	Ir. by N.	West	3	30.17 62 60 60	o.c.m	an. N.	0
2	N. M. H	"	2	30.17 62 60 60	o.e.m.r		U
3	IF by N	. "	2	30.17 6/60 60	11	"	0
4	N. M. H	,	3	30.17 61 60 60	"		0
5	n x H. 1/2 H	,	3	30.17 62 60 60	o.e.m	-4-	0
6	nnn	" .	3	30.14 62 60 40	f.c.m	cu nin	4
7	N. It by N.	1.21	2	30,15-62 54 58	f.c		4
8	West	,	1-2	30.1961 57 57	tom		60
9	8.71	,	2	30.21625656	1	" "	8
10	8.871		12	30.23 63 65 65	fc	1	10
11	8×24		1	30.24626565	"	1	10
Mid.			1	30.25 61 64 64	t.c	cu 9	9

under the command of Sammandiv & J. Strong.

, U. S. Navy, , 18 97.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencer and until 40 am,
Goercast and warning - Squalle 1st fait - Tyry fresh to light bueze from It by It
to I. H. - Barometer steady - Fires banked in those toilers - Distilling I motherly

Mo. Huline Mist

From 4 = am to 800 am Fire Fanker in the toften - Distilling & Brecalled morning order

From 8 = am to Meridian: From 8 - Um to Meridian.

Vercast - cloudy and rainy - hight to moderate bruge from blook Dar, eleavy trunfalling. At
8 - first a salute of 2 grand English Ensign at he main - salute answered gum for gran
at 8 8 - by Fort on shope - At 8 4 first a salute of 12 years English Ensign at the fore,
and to answered gum for sum by English Slasship - Wh 9 3 4 musticul of, quarthe
and examined superbutishs in Stamanship - It out steam launch several 9 1. B.
Majerly's vessels lift he harbor It. 3 m S. Northampton came in and more to
furty - By when of Comon Officer confined for one day on bread and water. E. H.
Monthbort (2 2 th Cl) Mende disobstitutes of orders. Self fires die out under boilers.
At B - Distillated - C. H. Jurnies (av. 4) while son die out fuller from main
themself error biese linds main tob, treaking his right light.

topmast crosstres lints main top, breaking his right lege!

J.N. Jordan, author M.S.W. Meridian to 400 J.M. Received right from the Will Consul. Sett. C. H. Thrmis (a. S. C.) to the Tenrice Ass.

Wattaline aut U.S.A. From 400 J.M. to 800 J.M. Jaling thin rising - Distilling - Fired a salute of sever gune with U.S. Ensign at the fore in honor of the U.S. Consul whom his leading the ship H. 3 M.S. Spikampton steemed up the harbor towards Devonport; on passing this ship paradet marine Guard and trans player Hail Columbia.

J. N. Jordan, West.

From 80 9. M. to Midnight bruge to light airs from A. H. Fire Lanked. Dustilling - Daroneler rising.

Mother ant USN

John Thunk lint & Navigator.

LOG of the UNITED STATES Ship ESSW. England.

					11.					1		_				
			Reading		WIND.				BAROMETER.	TEM	PERAT	TURE.			the.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.				A. by S.	East	1			30.20-60				b.e.m.n	cu	9	
2				not,	1/2 -	/			30.25-59	50	50		f.c.f.w		9	1
3				Moret	E. S.E	1			30.25-57	49	49		0,	"	9	
4.			. 173		"	V-2			30.24 53				0"	"	9	
5				n.n.E.	variable	0-1			30.26 53				b.c.m.w	."	4	
6				North	"	0-1			30.28 53				b.c.m	alto- en	4	
7				A. N. H	4	1-/			30.29 3	57	51		10	"	4	
8				N. AxN	calmy	0			30.30 04				b.c.7	"	5	
9				Hest	vr. or	1			30.31 56				b.c.m	"	7	
10				HxV	2. N. 21	3			30.3259		1			"	5	123
11					"	4			30.32 60				b.c.	"	5	
Noon.				N. H		4			30.32 6/	60	59		"		5	
			1	-		1	-	-	-	1	Inches de la constitución de la	Section 1	A STATE OF THE PARTY.	-		

Course and distance	e made good since preceding noon by	observations,	knots.		tenths.		
	Latitude by D. R.		•	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of ①		0	,	"		
	Longitude by chronometer from Fo	renoon Observations of ②	0.	,	"		
D	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	'	"		
Delite + OD W	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		0	,	"		
Current during the	time, knots tenths pe	r hour, setting to the					
Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	,
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	!	u .		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	
Water expended du	ring the preceding 24 hours,		50	10	gallons.		
Water distil	led during the preceding	24 hours,	1300	9	"		
Water remaining o	n hand fit for use at Noon,		1900	1			
Coal consumed dur	ing the preceding 24 hours,		tons	184	101bs.		
Coal remaining on	hand at Noon,	6	75 "	32	0 "		

. M.	1	, ,			1	
1	A. J. If	Hr. M.	2	30.33 62 62 60	l.c	ci-cu J
2	Jr. H. by H	24 N. 24	2.3	30.32646460	1,	" 1
3	, , ,	,,	2-3	30.32646460	"	, 6
4	N."H.		2.3	30,32 64 64 60	"	. 6
5	North	North	2.3	30.33 64 62 59	"	, 5
6	"	"	2	30.31 63 59 57	"	4
7	"	"	2	30.33 6/ 58 57	"	, 3
8	. ",	"	2	30.33 61 57 57	14	, 2
9	N. 21 N	N. 7.	1	30.32 62 57 57	tew	ci-en/
10	N. H. N. N. S.	H. N. 24	1	30,33 61 56 57		. 2
11	8.8.24	4	2	-30.32 40 08 57	"	" /
Mid.	"		1	30.33 60 56 55		. /

under the command of Dommander Shitting. , U. S. Navy, Commence and until 4th Am.
Distribution of Son Fact and E.S.E. Pistilling.

Sub. Herinages Suc. HAringus Emign From 400 \$ 500 Mm.

Then overhead, Jongy around horison - Calm and light N top 34 6 th aire Barometer tricing. Ping around I the sum - at 7 th lossed pail to dry - Peccious on board in Nept Supplies and aclà. 121 h ets. each, Jush but and regetable, and 97 lbs Bread. C. Dramble (2 m. 202) and J. Davie (Boiler Maker) left (the chip on ten (10) days leave of absence. J. S. Jordon W.S. N. Of Just to Jair Light wire to moderale S. H. & M. H. Lewis - Bar. straly.

Of Just to Jair Light wire to moderale S. H. & M. H. Lewis - Bar. straly.

Oping mustered at quarters and exercises Divisions as Jallows, viz: Boutler, and made Missal visites to the English Natural combanding station. Rear admiral Commandant of North Jan 9 the Fineral commanding station. Rear admiral Summandant of North Jan 9 the Fineral Commanding the military district. By order of Comming Officer released C. H. Tunthers (asc) from confinement, terth of cost finement traveng experied Institute (asc) from confinement, terth of cost finement traveng experied Institute to the practice bright mounty about harbour and entrance first banket under boiler D. I Distilling. Ensign D. S. Sellers U.S. Left the Ship for June days pleave. From 800 am to Meridian. dientinant, W. S.N. Meridian to 400 J. M. Meridian to 42 I.M. Spain and pleasant - hight to gentle bruge from M. F. Many N. M. Bar strady. At 32 Juries sail and unablet toppails, at lend engages in bending new Jobs sails - One English cruiser came in and proceeded to Devenport - N.B.M. Solazard manageners in Lound and returned to Devenport. I Caplain of the Royal Very on the stopp of the Commandant of the Dock Yard called on the Commandant of the Dock Yard called on the Commandant of the Pelivered to At Japaness to At Japaness to Att John lug? 1897 and to G. Sableston an acting appointment as IM 30 Class to date from lug. 4 1877 - Received in Juy Department & 3995 in Jols - Digitiling Juo. Whileining From 42 P. M. 182 P.M. Cloudy - light brieze from the touch. Finished bending and Jures topsailes atom sent down I. 19. + Moyal yards - Distilling. Michigan Rientinant USA. From 8° J.M. to Mighishs.

Cloudy - cool - heavy dur- hight airs beeze from N. H. " H. A. H. - Distilling.

Examined and found to be correct.

Examined and found to be correct.

Examined and found to be correct. John Wytwart Link & Navigator.

LOG of the United States. Ship Essix. Rate,

							1						15 1111		A Property lies		
			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of		lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Budb,	Air, Wet Ballb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.				4.8.1	H. 8.21	1			30 28					b.c	cu - r	2	
2				1 - 4" 0		1		-	30.28	60	16	55		o.c	cu nk	0	
3				881	7"	0.1			30.28	60	56	15		o.c.d	. 4	0	
4			100	4.	JE	0.1			30,27					"		0	
5				N. HxN	variable	0,1			30.24	60	55	55		0.C. m. r		0	
6				V.N.6		0.1			30.21	00	55	JJ				0	
7				North	East	V.2			30.19					,	,	0	
8				, "		2			30.18	57	54	14		"	,	0	
9				N.E.	East	23			30.19	18	54	JJ				1	
10				6.8	" 0	2-3			30.19	59	54	54				1.	
11	3	-	33.58	86	6. 8	2			30.19						,	3	1
Noon.				es x 6.	8.6	3			30.14	18	57	17		,0,c,m		0	

Course and distan	ce made good since preceding noon by observations,	knots. tenths.
	(Latitude by D. R.	0 / //
	Longitude by D. R.	0 / //
Position at Noon:	Latitude by observations of ②	0 "
	Longitude by chronometer from Forenoon Observations of O	0 , "
	(Latitude by	0 / "
Position at 8 A. M.	Longitude by	0 / "
. "	(Patitude hu	0 / "
Position at 8 P. M.	Longitude by	0 , "
C		
Current during th		0 (
	eass by Azimuth © observed at , ship's head	
	compass by Azimuth ⊙ observed at , ship's head	variation used,
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the C	Compass by Azimuth O observed at , ship's head	o variation used,
	uring the preceding 24 hours,	500 gallons.
Water dist	during the preceding 24 hours,	1300 "
Water remaining of	on hand fit for use at Noon,	2700 "
Coal consumed du	ring the preceding 24 hours,	/ tons 2000 lbs.
Coal remaining on	hand at Noon,	93 " 560 "

M.	1	20				*	
1	8x6	88	3	30.12 38 58 57	ocm	Cunt	0
2	30	"	3	30.11 58 57 57	o.c.md	4	0
3	8.6	1 . "0 .	3	30.09 59 57 57		"	0
4	E. S.E	€ 8. €	3	30.09 60 38 58	"	"	0
5	E. V. E ,	0"-	3	30.08 60 58 57	J.C.M	1	0
6	N. by H	SE	2	30.07 59 58 57	o.e.d		0
7		East	2	30.38 60 57 56	J.C	4	0
8	N. 6 x . N	"	2	30.06 6/5857	J.e.m	1	0
9	North	"	2	30.08620858		4	0
10	0 0/	,	1.2	30.08 63 58 58	,	4	0
11	8.3.7		1.2	30.08 63 58 58	"	4	0
Mid.	South		2	30.07 63 50 58	o.c.d.m		0

lommander & J. Strong Nednesday Sept. 8th , U. S. Navy. , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 UM. Barometer strady - Distilling! Latter part - calm to light variable sire OP fredery Ensign From 40 am to 800 am.
Overcast and raining - light variable aire and light bruze from the East Executed morning orders - Received in Dept. of S. A. a. 97 lb. fuch bread one 121/4 lbs. each Greek very and vegetables. - Nistilling.

Mitalue Milliant. U. S.N. From 8 to M. to Meridian.

Cloudy to overcast-high to gentle Easterly bruger neering to S. &. Directions as evenies as fallowed: Davider Dir. - Superiory. Pet Dir. S. Luncy - 2 th Dir. Trust June 3 th Dir. Disole. By order of County, officer confined & M. Donald (a 50 for the days in politary confinement of bread also water for Theating a Surg Officer and I Mc Cam.

(a) C) Told one day solitary empirement for bread of pater for the disophilines of order.

In English I cruised west out in tow. An officer on the stop of the Seneral Commanding the forces in and about Illmouth made an Official visit to the Commanding of ficer. Day Clirk H. W. It askington left the ship on three days leaved - Deticing. Ensign Meridian to 400 P.M. Decrete breezes from S. E.T. E.S. E. - Bar falling Energies Boat orewo of hooft winter under orthe- Engaged in setting up man should. By order of Country Mich places J.C. Hater (6/2) and I. Chapter (6.5 M) ender charge of M-at-arms- for being under lets influence of liquor while on dity- Distilling. From 400 P.M. 6 85 0.M. Jacking a Commander in the Royal Stary referenting the Superintendent of the Romandary Officer By order of Sulfirm of Superintendent of the Commanding Officer By order of Commanding Officer placed I. Sulfirm (vila) under chape of the Mosting of theme until order of and by came unknowly released J. C. Walter (C. p.) and J. haven (C. G. M.) they being for for defty. — Distilling. From 8 of 9.M to Midnight.

Overcast - light driggle laster hart - Darometer steady hight sais to light bruze from Elect - Part 900 fishioned distributed.

Of forkers Of Jeckon John Stewart Navigator.

Tenths.	Reading	COURSES STEERED					BAROME	TER.	TEMP	ERAT	URE.	NAME OF THE OWNER,		lear hs.	Se
Ter	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Baib,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the Se
		8.86	E by S	3-6								u.c.m.q	cu, v,	0	
		864	East	3-4				200				0. C. m. r	•	0	
		86,5	"	2-3			30.07	62	57	58		,		0	
		6. 1.6		3			30.06	62	S	57		0.c.m.d	"	0	
		N.E.	,	3.5			-			-		0. c. m.		0	
			E.N.E	4.6			30.10	57	55	55		". c. m.g		0	
		N. G. by G.	"	4.7				-/-				6. c. g	e"i	2	
		8.	. "	4.7			30.19	19	18	56		.,		1	
			S. S. E. S.	SEN East SEN.E N.E N.E N.E N.E N.E	SEN East 3-4 SEN E 23 SEN E 3-3 SEN E 5. E 46 NE 6 by S. 47 6 by S. 47	\$ & \$ & & & & & & & & & & & & & & & & &	\$ 6	SE S 35 30.00 S H East 3-1 30.07 SE S 23 50.07 S E S 30.07 S E S E 35 30.07 S S S S S S S S S S S S S S S S S S S	SE 35 30 06 62 S. H. East 3-1 30.07 62 S. E. 23 30.07 62 S. E. 23 30.06 62 S. E. 3 30.07 62 S. E. S. E. 3.5 30.09 57 N. E. E. N. E. 46 30.10 57 N. E. E. N. E. 46 30.10 57 N. E. G. N. E. 47 30.13 57 6 by S. 47 30.14 59	SE 35 30 00 62 57 S. H. East 3-4 30.07 62 57 S. E. 23 30.07 62 57 S. E. 23 30.06 62 58 N. E 30.07 62 58 S. S	SE 35 30 06 62 57 57 57 58 SE 23 30.07 62 57 57 57 58 SE 23 30.07 62 57 57 57 57 57 57 57 57 57 57 57 57 57	SE 35 30 06 62 57 57 57 58 6	\$ 6	8 & X & East 3-1 30.08 62 57 57 0.0 m. 1. 8 & X & East 3-1 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 3-1 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 3-1 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 3-1 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 3-1 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 8 & X & Sast 30.07 62 57 57 0.0 m. 1. 9 & X & Sast 30.07 62 57 57 0.0 m	86

Course and distant	ee made good since preceding noon by observations,	knots.		tenths.		
	(Latitude by D. R.	•	,	"		
	Longitude by D. R.	0		"		
Position at Noon:	Latitude by observations of O		,	"		
	Longitude by chronometer from Forenoon Observations of O	•	,	"		
	(Latitude by	0	,	"		
Position at 8 A. M.	Longitude by	0	,	"		
	(Latitude by	0	,	"		
Position at 8 P. M.	Longitude by	0	,	"		
Current during the	e time, knots tenths per hour, setting to the					
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	-
Error of the Comp	ass by Azimuth O observed at , ship's head	0	,	"		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	
Water expended di	iring the preceding 24 hours,	50	70	allons.		
Water distil	les. during the preceding 24 hours,	50	0	"		
Water remaining o	n hand fit for use at Noon,	270	0	"		
Coal consumed dur	ing the preceding 24 hours,	/ tons	24	lbs.		
Coal remaining on		92 "	320	, "		

P. M.	8.6	East	5.7	30.20 18 18 17	b.c.q cu.	n 2
2	6. 8.6		5.7	30.21 18 58 57	, , ,	3
3	6. 2 8.		5.6	30.22 59 60 57	" "	3
4	East		5.6	30.2460 60 57	1.	2
5	6.N.E	1	3.4	30.26 60 60 58	b.c.m.y "	4
6	NE	6. N.E	2.3	30,2860 5958	b.c. m "	*
1	N.E	"	2.3	30.29 59 58 57	, ,	3
8	,,	N.E	2	30.30 59 57 55	,	7
9	Nout		3.4	30,3657555	t.c	8
10	"	*	3.5	30,37 J9 JX J3	f. c. ,	4
-11	N.6 , E	,	3.4	30.36 58.53 51		9
Mid.	South		3	30.40 58 51 50	f.c.	9

Commander & S. Strong Thursday, Lept. 9th under the command of , U. S. Navy, , 18 97. Commence and until 4 0 cm overcast to gent breeze, with moderate to fresh squalle first part of watch = Barometer steady. J. J. Jordan, J. S. Jordan, J. S. Jordan, USA From 40 am to 800 am.
Overcast - Genete to still breezes from 6.1.5 at NE. driggling frist half. Burstising on accordance with orders from Commanding Officer released of I. Sullivan viles Re being sober. Received in Pay Department fush provisions as follows:

97 lb. beef. 121/4 lbs. regetables. German Steamer Columbia came in Oralities.

Lo. 1. Rejection. From 800 am to Meridian. Show I want and moderate to feel beege from back blowing in squalle Barometer rising I have the wheelt about the practice of the place of the which exercises at Seneral harten by which exercises at Seneral harten by moderate the seneral form confinement and restores to duty I my barne (350 and by beam authority confine to de Demorset (400) for one day on bread and water for dissource of orders. Of Jacken Ensign Meridian to 400 J. M. rising - Exercises opprentices at senoing up and down topgallant and sorgel yards. J. Sr. Jordan, W. S.N. From 402 P.M. to 800 P.M. Sain 40 Pleasant - hight to moderate bruge from Barometer ricing - at 6 24 commenced distilling East to N.E. O.P. Jackson From 82 P.M. to Midnight.

Gente buy with moderate to stiff squalle from N.E. - Daromda rising.

Nistilling. Jost Jordan US.N. John Withwart Navigator.

LOG of the UNITED STATES Ship Esler. England.

	T			Reading		WIND.				BAROMI				URE.			lear hs.	Sea
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.					8. 24	N.6	2			30.40	59	57	50		t.c	cu ci	8	
2					S. Wx H		2.3			30.42	1-1-		-		4	"	7.8	
3					SN	6.1.6	3			30.48	59	48	47		0"	cirus	9	
5					8.6	N. 6	1.2			30.46					b.c. m	fr. cu	7	
7		1	1		N.N.E North	N. N. E.	2			30.48			-		"	"	87	
8 9					N.N.E	N.6	3			30.02	18	JT.	52		" "	"	7	
10		-		人	1. by 8	E. V. 6	4			30.53					b.c.m	Jr. cu	8	
Noon.				.57	S. ly E	4	3			30.53					"		8	
								-								A STATE OF STREET	1,	

Course and distance	e made good since preceding noon by observations,		knots.		tenths.		
	Latitude by D. R.		0	,	"		
	Longitude by D. R.		. 0	,	"		
Position at Noon:	Latitude by observations of ②		0	,	"		
	Longitude by chronometer from Forenoon Observ	rations of O	0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		0	1	"		
Current during the	time, knots tenths per hour, setting	to the					
Error of the Comp	ass by Azimuth ⊙ observed at , ship's hea	d	0	. ,			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's	head	0		variation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's hea	d	0	,	"		
Deviation of the C	ompass by Azimuth O observed at , ship's	head	0	. 1	variation used,	0	
Water expended de	aring the preceding 24 hours,		6		gallons.		
Water dist	they during the preceding 24 hours,		5	00	"		
Water remaining of	n hand fit for use at Noon,		26		"		
Coal consumed dur	ing the preceding 24 hours,	/	tons	14	Plbs.		
Coal remaining on	hand at Noon,	90		112	0 "		

P. M.	1 0				1	0
,	South	East	3	30 53 59 60 56	t.c	freu 8
2	S by It		3	3053 60 64 40		1 8
3	S. 18 x 24.	"	3	30.53 6/64 60	"	1, 7
4	8 8 5	"	3	30.52616460		" 7
5	SEx S.		2	30.53 6/ 63 60		ci-en 6
6	East.	ExM	2.3	3054 60 60 55		. 6
7	North-	V.E	1.2	30.55-615957		4 6
8		"	/	30.56 60 5656	04	" 10
9	VXE.		1.2	30 58 5954 54	b.c.	. 9
10	North.		1.2	30.88 59 55 54		, 9
11	1.XE		2	30.54585453	, ,	1 10
Mid.	8.1.€	East	23	30.5958 5453	4	. 10

under the command of bommander & Strong. , U. S. Navy. Commences in until 400 am. Clear - cool and pleasant - light to moderate N.E. bruge. At 2" Jinished ing. M. Wille dientinant. tt. S. V. From 42 Am to 82 AM
Clear fine weather high airs to light breeze from N. 6 to North Dar.
Dring - Received in department of Say Wester Just privisions so fellows: 97 the
Breeze - 121/4 the each of but and brequester. F. himis (Los) returned on brand. or peken Ensign Strom 80 Am to Meridian. Clear and pleasant - Gents to moderal bruges from E. t. E. Prometer riving then strang " Carneling Chip villeibe. By order of Country Their released from confinement arm restored to duty Q. & Demeros (4.3 et expiration of them of confinement. By came internet confinement for one day, on bread and mater, solitary confinement C. M. Billings (4.3 C.) of free director of fire. Distribution of the fire on fire. Distribution of the fire of Menidign to 4th P.M.
Char and pleasant - Seneti breeze from the East, At 100 cent liberty
party ashare - Frainting ship - Visiting.
Motheliae Dientement M.S.t. From 4 as J.M. to 8 = J.M. Clear and pleasant - high to genes breg. from F. to N.E. - Duromelle Wising. Nis tillings. Jul. Jordan H.S.V. From 500 J. M. to Midnight aire & light brieze from N.E. At 900 allefact distilling. Mothers & S.N.

examined and found to be correct.

John Human Navigator.

LOG of the UNITED STATES Ship Essel. Eng.

			Reading		WIND.				BAROMI		TEME		URE.			lear bs.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S
A. M.				South.	Gast	3.4			30.19					b.c		10	
2				. "	.,	3.4			30.59	58	5-3	52		4	-	10	
3				,		3.4			30. 19	1:5-	52	51		,,	-	10	
4				227		3.4			30.59					// "	-	10	
5				6.5.0	,	2			30.59					b. c. m	fr. en	7	
6				8.A.C	- ' -	2			30.60						1	6	
7				N. N.E	6. N. E	3			30.61					.,	4 .	7	
8				Nout	A.E	1.2			30 63					1.	sita	7	
9				A.S.C	- 4	2			30 64					6. m	Ritat	7	
10				12E	4	1.2			30.66					y	4	67	
11				, "_	(7" /	1.2		1	30.69	60	60	29		bo	cirus	17	-
Noon.				N.E	Gast.	1.2			30.68	61	62	60		"	"	8	

Course and distant	ce made good since preceding noon by observations,	knots		tenths.		
	Latitude by D. R.		,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of ②	0	,	"		
	Longitude by chronometer from Forenoon Observations of ②	0	,	"		
	(Latitude by	0	,	n'		
Position at 8 A. M.	Longitude by	0	,	"		
	(Latitude by	0	,	"		
Position at 8 P. M.	Longitude by	0	,	"		
Current during the	e time, knots tenths per hour, setting to the					
	ass by Azimuth ⊙ observed at , ship's head	0	,			
	ompass by Azimuth ⊙ observed at , ship's head	. 0	,,	variation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,	"		
Deviation of the C	ompass by Azimuth O observed at , ship's head	0	,	variation used,	0	
Water expended di	uring the preceding 24 hours,		500	gallons.		
Water dia	tilled during the preceding 24 hours,		600			
Water remaining o	on hand fit for use at Noon,	2	700	"		
Coal consumed dur	ring the preceding 24 hours,	/ tons	64	lbs.		
Coal remaining on	hand at Noon	89 "	48	0 "		

P. M.	1 1	A			
1	8 H.	East	1	00.68 62 64 63	be cife en 9
2	Sx H	,,	2	33.68 6269 64	" 9
3	1. 1		2	30.67626964	9
4	South	. "	2	30.66626864	9
5	0 00 1	,	2	30.66 63 67 63	. 9
6	838	,,	1	30.65.63 66 63	1" 7
7	N.ExE		1	30.65 62 60 59	bemfreu 8
8	Nout		1	30.66 61 58 57	" " 9
9	VXE		1	30.18 59 56 56	b.c 10
10			/	30.69595656	" - 10
11	Nout		1	30.6959 56 56	10
Mid.	4		1	30.6959 56 56	10
					1.

Donnander & Strong , U. S. Navy. , 18 97. Commences and until 400 AM. Clear and Cool-gent to moravalt breeze from Fact Moonlight So. W. Williams Proign Erom 4 = am to 8 = am.

Clear and pleasant - light smoke or haze around harizon - Light sine
to light breeze from 6. to N.C. Baronder riving - at Jul lavard paid
to lary - Received on brand in Neph Supplies by Acolo. 121/4 lbs. fresh
but Janu negetables and 97 lbs. bread.

Lindenant. Wal N. Lientenant. W.S. S. Charing up Ship - served out many to men and port watch of boys.

Charing up Ship - served out many to men and port watch of boys.

At 11-36 Jurier sail - Diotilling - By order of County Mier Melanel from confinement, time having on friet D. Mr. Nonder (2. 30) and C. M. Didinge (4.30) and flaat in solitary confinements on treat and rate for one Many N. H. Longuet. (4.30). Affense - diofuguring Sovernment perspects. Mendian to 40 IM Pair und pleasant. Light airs und light buyer from East. Barometer Juling slowly - lent Miberty party of boye lackore.

Sta T. Theiring Linten ent. US. Jr. From you PM to 8 or J.M. Clear and Sight aire and bruge from Each . Liberty Carly A boys retirement except W. Priddy (a 3.C.) Octopped distilling Motherland W.S. Motherland It S. V. From 8 = P.M to Midnight size from East - Bright mornlight. Ensugn & & Sellen and Pay Clark R. H. It askington retwent from blave.

Sto THilliams Sto. VHillains Enough John With in Navigator.

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.			Sear ths.	Sea
Hour.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the S
A. M.				South	East	,			30.69	-		TV		1		"	
1				South	EN.E	2			30.69					1	none	10	-
3				SHx S	N.E	2			30.69	58	52	52		,	4	10	40
4				Reck	N.N.E	2			30.69					b.c.m	alto	10	H
5				EN.E	"	0.1			30.69					N.C.m	- ptrot	7	١
7				ANE	variable	0.1			30.69	56	53	53		6.7		10	1
8				4" 1	100	0.1			30.70							10	,
9				North	N.69	1.2			30.70					f'c-	ci-en	8	
10					"	2			30.76	6/	64	6/		"	"	8	-
loon.				"	11	2			30.76	62	64	61		1,	1,	8	-

Course and distance made good since preceding noon by observations,	knots.		tenths.		
(Latitude by D. R.	•	,	"		
Longitude by D. R.	0	,	"		
Position at Noon: Latitude by observations of ⊙	•	,	"		
Longitude by chronometer from Forenoon Observations of ②	0	,	· ·		
(Latitude.by	0	,	"		
Position at 8 A. M. Longitude by	0	,	"		
	0	,	"		
Position at 8 P. M. (Latitude by Longitude by	0	,	" .		
Current during the time, knots tenths per hour, setting to the					
Error of the Compass by Azimuth O observed at , ship's head	-0				
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0		variation used,	0	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0	,	"		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	-	variation used,	0	
Water expended during the preceding 24 hours,	61	00	gallons.		
Water distilled during the preceding 24 hours,	6	00	"		
Water remaining on hand fit for use at Noon,	270	70	"		
Coal consumed during the preceding 24 hours,	270 / tons 87 " /	800	lbs.	-	
Coal remaining on hand at Noon,	87 "1	92	20		

P. M.	S.E. S.	€.86	2	30.76626462	b.c	eiris g
2 3	Sx H	"	2 2	30.7462 70 66 30.7562 70 66 30.76627266	"	" 99
5 6	South.	S. H. S	2	30,72 63 64 63	t.c	" 10 cir 8
7 8	S. W. E.	Fist.	1/2	30,72,62,60,08	gf.	eum 4 0." 8
9 10 11	Nout.	North N. N. M	12	30.7863 57 57	4.C	a. en 7
Mid.	"	н	1.2	30.786256 56	"	. 9

under the command of Sammander & T. Strong , U. S. Navy. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 Am. Light aire to light bruge from N. N.E. to East. OF pessagin From 400 dm to 800 Am orderes. It Priddy (a 3.0) returned on toward 1th his overtime. Record in Doph of S. T. a. 97 the frank him and 12/4 the fish beef and regulables. Mayline drintenant MSV From 5th Meridian.

Far and pleasant - hight airs and bruges from It & and & by &

Mercurial Barrowlete read 30.54 at 95. Bad riving. At 932 modified at

Juarter: Commanding frier inskepting this and crew. Read articles

for the Foot of the Vary and held be general muster. At 105 held

Divine Service, Commanding officer officialing. An English Cruiser

went out. By arter & Commanding officer released A. M. trongert

(4,00) from Jeonfinement has sentince having expired. Needs. It. O.

Ninhmel, went on leave for 5 days. - Distilling. et rom 800 am to Meridian Meridian to 400 of M ashore - Distilling. - Light bruge from & S. E. Sent liberty party O.P. fackens From 40 P. M. to 80 P.M.

Sh by S. Frair to cloudy and pleasant - Light airs and breezes from

Sh by S. Thest and North Bar, steady rising last hour Out 60 went
to I failire, and served out clean hammocks to Still watch of appendices and port watch of men. Stopper distilling at 1700
tanks being full. From 8 - 9. M. to Midnight. Variable airs my buger - Eright mon. light. O. P. Landen Ensign Examined and found to be correct. John Stine 1 h Jaint & Navigator.

Rate,

LOG of the UNITED STATES Ship Essex Harbor, England

			Reading		WIND.				BAROME				URE.			lear hs.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths
A. M.				North	N. N. H	2			30.78	61	60	62		f.c.m	Cir	10
2				HXN.	,	2			30.79					*	"	10
3				21. 8.24	,	2.3			30.78					"	4	9
4				8.21	"	2			30,78					1" 0	"	9
5				N.N. W	"	1			30,78					b. c. f	4	8
6				N. N.E	. " 1	1.2			30.79					"	alli. sl	±7
7				"	North N. Jr. 24	1.2			30.78	-		-		4	"	6
8				4 /		1			30.77					"	"	6
9				North	N. N. 2	1			30.80	1				"	4	6
10				"	"	1			30.80	-	1			"	"	8
11				"	S. 21	1			30.80					4	"	8
oon.				Nxt	"	/			30 80	6/	62	6/		4	.,	8

	•				
Course and distance	re made good since preceding noon by observations,	knot	S.	tenths.	
	Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ②	0	,	"	
	Longitude by chronometer from Forenoon Observations of	•	,	"	
	(Latitude by	0		11	
Position at 8 A. M.	Longitude by	•	,	"	
	(Latitude by	•	,	"	
Position at 8 P. M.	Longitude by	0	,	"	
Current during the	e time, knots tenths per hour, setting to the.				
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0 '
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,	"	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,	variation used,	
Water expended du	aring the preceding 24 hours,	5	00	gallons.	
Water dist	tilled during the preceding 24 hours,	70	10	"	
Water remaining o	n hand fit for use at Noon,	290	0	"	
Coal consumed dur	ring the preceding 24 hours,	/ tons	64	40 lbs.	
Coal remaining on	hand at Noon,	86 "	128	20 "	

. м.	1 1 11	8 91	1/1	30,20 63 62 61	ha m	- ci-cu	8
1 2	1 11	0,01	10	30.80 63 62 61	V, C, 110	- a-a	8
3	7.821	, "	10	30.76 63 66 65	1	"	6
4	Sylves		//	30.70-63 67 67	,	"	6
5	1.11		1	30.7665 66 60	"	,	6
6	24. 8. 24	Hest	/	30.74 64 64 64	"	"	8
7	"	,	1.0	30.75-646060		"	6
8	, "	,".1	1.0	30.75-6460 60	"	"	4
9	N. X	N. 24	1.2	30.70-6260 59			0
10	North	4	1.2	30.76 64 60 58	"	"	3
11	1."	1. "100	1.2	30.76645858	"	cir	2
Mid.	N.xE	N. N.E.	- 1.2	30.76 64 60 58	1.	4	1.

under the command of Commander & J. Strong Worlday Sept. 13.

, U. S. Navy, , 1897.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Commences and until 400 AM.
Cool-misty and pleasant-high to gent buye fun N. N. M. Barometer cleady.

From 400 Am to 800 Am Strom 4 AM 6 5 AM.

Goggy light airs and breezes from N. N. H. and North - Bar, stredy - Stantal distribution at 800. Revenue in Bay Right fresh provisione as Jollows - Bread 97 lbs - Buf 121/4 lbs. vegetables 12/14 lbs.

From 8 or AM to Meridian dire from N.N. 14 + 5. If - at 900 mustant at Smartten - tocircies as follower - approximate of Bort watch of Brate under vare Startvary watch of Dir. Signale - Into Dir. Battry - orth Dir. - Battry . Pro Dir. in Buttry - orth Dir. - Battry . Pro Dir. in Buttry - orth Dir. - Battry . Pro Dir. Strive Still, watch at reamanchip construction. It 800 commences distilling.

Of facker Emign Meridian to 400 P.M Meridian to Ho ... Me Colon to light aire from Sot - Barometer Calling - Exercise Strif. watch of appendices and boate under vara land saile: host watch at signale. Finished distilling at 3 22 Receive in Equipment Wept. (Navigative) one (1) set shanilla wheel room. - For light yards and top gallant maste ready for coming down.

From 400 P.M to 800 8.M sent Sound to gallant my royal yards and top gallant master - at 5 2 week to market and served out clean habrinocks to Port walch.

OP Jacken From 8 - 8 M. to Midnight.
Misky and scool - Light to gentle bruge from N. M. Baromelie Steady.

Diller Attellen Ensign

John Mewart dicut & Navigator,

LOG of the UNITED STATES Ship Esser Warlow, England.

		3003	-			10							1	-				
				Reading		WIND.				BAROMI				TURE.			lear ths.	Sea.
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the S
A. 1	M.				North	NW	1			30.76					bem	ci-cu	5	
9					0 "0 .1	"	1			30.76					"	"	5	
3					88.24	"	1			30.76	63	58	22		"	4	5	
4					1".1		1,2			30.75					o. c. m_		0	
5					8.71	"	1.2			30.74					o. c. f	cum	0	
6					Hest	4	0.1			30.73					40	4	0	30
7					Mx S.	4	0.1			30. 73					4	1,	0	
8	-				N. x It		1.2			30.73					1"0	"	0	
9					North.	"	1			30.73					€.c. }	allo- ou	_2	
10						4	0.1			30,73					"	4	2	
11	1					"	0.1			30. 73					"		2	
Noor	2.				*	4	1.2			30,73	62	60	60		,		2	
	1																	-

Course and distant	ce made good since preceding noon by observations,	knots. tenths.	
	Latitude by D. R.	0 / //	
	Longitude by D. R.	0 1 11	
Position at Noon:	Latitude by observations of O	0 / "	
	Longitude by chronometer from Forenoon Observations of ②	0 / //	
	(Latitude by	0 1 " "	
Position at 8 A. M.	Longitude by	0 / "	
	(Latitude by	0 / "	
Position at 8 P. M.	Longitude by	0 / "	
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	oass by Azimuth O observed at , ship's head	. 0 /	
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o	
Error of the Comp	oass by Azimuth O observed at , ship's head	0 / "	
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	o ' variation used, °	•
Water expended de	uring the preceding 24 hours,	600 gallons.	
Water disti	thed during the preceding 24 hours,	300 "	
Water remaining of	on hand fit for use at Noon,	2600 "	
Coal consumed dur	ring the preceding 24 hours,	/ tons 560 lbs.	
Coal remaining on		85 " 720 "	
No.			

M.	1 24	8 14	2	30,74 63 63 63	ben Acu 2
1	SHXX	0. 1	and the second		
2	S. Stxa	,	2	30.72 63 64 64	" " 2
3	Hest.		2	30.70 64 63 63	" S-cu 2
4	S. H	S. St. St	2	30,70 63 62 62	" 2
5	"	"	12	30,70 626262	3
6	"	Hest	1	30.68 62 62 62	" 2
7	SHXH		1	30 68 62 60 60	, 2
8	Hest		1	30.69 63 59 60	" Pr. v 2
9	North	East	- /	30.6963 37 58	1 4
10	" 1		/	30.69 63 57 58	4 4 6
11	N fy E	"	1	30,696287 58	" 10
Mid.		,	/	30.696/00 50	, 10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Commences and until 400 Sm. Light airs to light bruge from A.M. Daronulor situally then Stalling. Jandonant USA. From 4 2 AM to 8 2 AM

Overeast and misty foggs latter part - Calone to light variable aira. Received in Dept. Il of tall thete 121/1 the each of fresh beef and vegetables and 97 the John bill. I Sharp (Lds.) left the ship on a days there of absence. At 7 30 commenced distilling.

OP Suckeyen Of Lucken From 800 Am to Meridian. Cloudy and cool - Calm to light, airs from N. It - Barometer steady.

Of 930 musther at quarter after which distribus over exercise as fallows: all the starboard watch, hoale, part watch of forward of after program and one and one and one for the surface of the program and thent without least of Johanson (sea) and 6. Annales (coan) I made and equipped toate for cutting out - Second period, book overboard from the cutter one of cutting super second period, book overboard from the cutter one of cuttage. Ash lightly came alongside. at 10.32, hoisted out where. Meridian to 400 of M Meredian to 400 0. M. Baronder Sight breeze from It to It xth - Baronder falling then strate. - Sent who top gallant master and crossed top gallant paul royal yards. Exercise apprentices at pulling in toalst, and reaving the cleaf: J.M. Jordan, Auntinant USA. From 400 P.M to 800 P.M. Cloudy and cool-light haze-light bruge from S. W by W to Heat. Darometer stady. - Distilling. AHellen Ensign. From 8 to 9. M to Midnight hazy - hight airs from East. Barometer standy. Stopped distilling.

John M Thwash

J. M. Jordon W. S.N.

Ship Essea. Harbor, Eng.

														•	,			
				Reading		WIND.				BAROME					State of	Forms of	Clear oths.	e Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the 8
	A. M.				North	Calm.	0			30.68	-68	13	13-		b.c.m	Sei su	9	
	2				N. N. H	North	1			30.69						"	9	
	3				2. 8.71	"	1			30.69					"	cu-s	7	
	4		27	3.	is W.	"	1			30.68					. "	"	7	
-	5				882	variable	1.1			30.68	1				1.10		6	
	6				N. N. H	calm	0			30.68					tic. 4	Jr. cu	4	
	7				" ,	N. H	0.1			30.69					0"	"	4	
	8				N. W.	N. N. H.	1.2			30.69					b.c.m	1,	7	
1	9				It by It	- " ,	1			30.69					"	cu	7	
	10				0,,	S. 21	1			30.68	6/	60	59		"	"	7	
	11			-	N by &	"	1			30.67	61	60	60		"	"	7	
1	Noon.				· Nan	4	/			30.66	60	60	60			"	7	
													-					

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0	, "
	Longitude by D. R.	0	, ,,
Position at Noon:	Latitude by observations of ©	0	, ,
	Longitude by chronometer from Forenoon Observations of O	•	, ,
	(Latitude by	0	, ,
Position at 8 A. M.	Longitude by	0	, "
	(Latitude by	0	, "
Position at 8 P. M.	Longitude by	o	, ,
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,
Deviation of the Co	ompass by Azimuth © observed at , ship's head	. 0	variation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	. 0	, ,,
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0	variation used,
Water expended du	aring the preceding 24 hours,	60	70 gallons.
Water disk	during the preceding 24 hours,	60	0 "
Water remaining o	n hand fit for use at Noon,	2600	"
Coal consumed dur	ing the preceding 24 hours,	/ tons	960 lbs.
Coal remaining on	hand at Noon,	83 " 2	2000 "

. м.							1	
1			S. 21	2	30.64 61		E.c.m	cu 8
2	21	1 x St	"	3	30.64 61		"	" 7
3	5.7	1 x H	Hest	3	30,65 60	5959		cir-cum 7
4	8.7	tio.	S. 21	2.3	30.66 60		b.c.m	."]
5		4	S. HIS	2	30.6462	65 64	."	ou. r
6		"	Sx H	2	30,5963	62 62	b. c. f	4 5
7		c H	East	2	30,5964	00 00	"	" 0
8	6.	5.6	N.6	0.1	30,6064	60 59	,11	
9	1	r.A.E.	N.NE	1	30,6064	5959	f. c.m	S. fr. cu
10		North	North	/	30.60 65	5959	"	" 8
11		"	N. N. 31	1	30,6064	5758		fr. cn 7
Mid.		4	"	/	30.60 63	5758		ci.5 7

under the command of Commandin E.T. Strong
Nidnisday Sight. 15
RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 AM No and No and Stay No - Moonlight. Calm first hour dight airs from Gro. W. Williams Misty and cool- Calm to light airs from N.N. It. Baromety.

Relady. At 72 hoisted colors to an Emglish consist et anding out from

Supplies and Rects. 97 ets. bread and 121/4 lbs. each of helf and

regel able. From 400 Am to 800 Am. From 800 A.M. to Meridian Strom of N.M. to Mexician.

Saling - Of 900 murble at duartie. G. Rundren (con) and O. Johansen and Saling - Of 900 murble at duartie. G. Rundren (con) and O. Johansen and Saling out and second period. Signals: By order of Comdif officer DONC.

Rlamfum (app. 3 ll) was confinit for lone () day on bread and water applican confinement officer beyorder. Received on board in Equipment officer explanting at quartete. Received on board in Equipment of the pres size. I also pare, on construction of the board paint, one () Board paint, of press oil, 2 hand sawa, Ith got bronze. In deam on the same oil, 2 hand sawa, Ith got bronze. In deam Engineering, 14 lbs Rubber packing, 10 lbs, scrub both by nute, 3 bblo. of Ligne . 50 Olbs . Fire clay . Jak Jordan US.V. Meridian to 400 P.M. S. It to West. Exercised 200 and 4th Chette Brews Junder rathe and gig and whate boate crews at heaving the lead. Unbent Jouesail. I solvanson (sea) returned so hours overtime. Gro. W. Wyliain Ensign From 4° 9. M. to 8° 9. M. have and Jog, around horizon. Calm and light, airs to light breeze from S. M. S. to N. E. Barometer Jalling then rising. I Finished distilling at 7.52 J. A. Jordan USA. From 8 or P.M. to Midnight sight, airs from Not and 6 th and Not and Hot and Hot and Hot and Man M. Hysiams Suo. 71. Hydraus

John Tient + Navigator.

, U. S. Navy,

, 18 97.

LOG of the United States Ship Esser Ship Esser Support harbor, Eng.

					4.4		-						444			2010	100
			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.			lear hs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10t	State of the
A. M.				AxE,	N. N.E	0.1			30.60	64	59	60		c. w	eir-s	7	
2				Nouk	"	0.1			30.60	64	60	60			"	8	-
3					" .	1			30.58	62	56	56		. "	"	1	18
4				5. 11	variable	0.1			30.56	62	58	58		4	,, .	5	
5				5.5.24	N. H	0.1			30.53	62	57	57		o.e. mw	str	0	1
6				Sout	"	0.1			30,51	62	57	57		b.c.m	la, en	3	
7				5.56	"	0.1			30.00	62	57	58		"	9 "	4	
8				21.8.21	calm	0			30.49					0. c. m	nim	0	
9				Strate	"	0			30.49	62	60	60		b.c.m	"	1	
10				N. M x N.	N. 1.	2			30.46	62	6/	6/		o, e, m	4	0	1
11				Nout	Nx 2	1.2			30.46	62	60	6/		o.c. m. p	4	0	1
Noon.				"	"	2			30.46	64	60	6/		o.c.m.d		0	

Course and distance	e made good since preceding noon by	observations,	knots.	tenths.
	Latitude by D. R.		0 /	"
	Longitude by D. R.		0, 1	"
Position at Noon:	Latitude by observations of @		0 1	"
	Longitude by chronometer from For	renoon Observations of O	0 ,	"
	(Latitude by		0 ,	"
Position at 8 A. M.	Longitude by		0 1	"
The state of the	Latitude by		0 /	"
Position at 8 P. M.	Longitude by		0 /	"
Current during the	time, knots tenths per	hour, setting to the		
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 '	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 1	variation used, ° '
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 /	"
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 /	variation used, o
Water expended du	aring the preceding 24 hours,		600	gallons.
Water disk	ales during the preceding	24 hours,	700	"
Water remaining o	n hand fit for use at Noon,		2700	
Coal consumed dur	ing the preceding 24 hours,		/ tons /4	(40 lbs.
Coal remaining on	hand at Noon.		147 " 96	60 "

P. M.	, ,					
1	Nout	A. 81	2	30.46 64 60 61	0. c. m. a	cy.n
2	N. N. H	A.N 21	2.5	30.45 63 6/59	b.c	cil-cu 2
3		-	3	30.44 63 6/ 59	"	" "
4	Nº 24 S. 24	4 :	3	30.42605857	o.e.91.1	. "
5	8.21	,	3.4	30.4160 58 57	6.c1	4 2
6	NxH	N. 21	3.4	30.40 60 59 58	4	. 4
7	N. N. H	"	2,3	30.40 60 57 57	4	ci-cu 6
8	1.21		2	30,40 60 56 56		. 6
9	,,		3	30,40 6257 57	"	4
10			2	30.39 6/57 56	"	1 3
11	N. N. H	,	2	30.38 60 57 56	"	" 3
Mid.	NxN	,	2,8	30.30 60 58 57	,	" "

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 Am.
Tair and pleasant. Calm to light variable acity.
O.P. Lackery.
Ensig Ensign. From 4 a Am. to 8 and Am His Darometed Jacking. Received on toward fin Dept. of Supplies 1214 the each Just beef and vegetables and 97 lbs. bould: Surt coal lighter come alongarde at 915, men from shore started evaling ship: J. St. Jordan U. S. V. From 8= Am. to Meridian Cloudy to overcast - misty and raining - high airs and bruger from No any Hot and calma - evaling ship. (Exercise 1 of 200 300 and 4 th Couters crewer whileboat and dinghy: crewe of the post watch under oars. An English cruiser went out. By forder of Counday officer released P. HE. Head pure (2012) from confinement, his sentence thaning expired. Thent without leave 6. Knudson (Co) and M. Bawe (B. M. 20). Precious up to more 64 tone of coal. Sent ashore 30t galo. If dinered oil received yesterday, not acelytable. C. Bramble (Lim 2.0) returned from leave.

Jos. M. Miliaus Jao. Mr. musi gus Meridian to 40 9.Me

Overcast cloudy and raw with light driggle last hour, dight to

gentt breeze from Jr. 18 + 1/1. I inwhit coaling having receipe on

Joans 65 Vous in all. E. Knudson (cox) and M. J. Bowe (B. M. 20)

returned on board 52 + 4 hours overtime respectively OP Saction

Energy. From 400 P.M & 800 P.M.

Storm Hose from the same hight to moderate bruger from the st and

At - Received in Engineer Wepartment 30 ft. 1/4 in. wire wound

hose. A B M.S. Calypso came in and anchored.

Sa. H. Musing.

Oneign. From 8° PM to Midnight cool-dight to gente breeze from 5: H Lacken Ensign'

Evamined and found to be correct.

John WHEwalt - Navigator.

TED STATES Ship Essue.
At anchor in Slymouth harbor, Eng.

			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S
A. M.				NxH	1.24	2.3			30,38	60	58	17		f.c.	ei-ca	4	
2				Jr. H	"	2			30.35					"	"	4	1
3				,,	"	2			30.80	19	56	57		"	"	10	
4			1	nest		2			30.29	59	56	56		1"	"	7	
5				8.74	"	3			30.23	54	12	22		b.c.m	nim	2	
6				Nx S.	"	2.3			30.21	19	56	56		"	grien	3	13
7					4	3			30.19	69	57	57			",	3	1
8				Nest	24 N. 24	2			30.18	54	18	18	1	"	nim	2	
9	1	3		, ,	,	2			30.17	59	59	18		"	4	3	
10				A. H.	"	2.3			30.10	62	50	58		4		3	
11				N. N. H	N. H	2			30.11	62	60	59		4		4	-
Noon.				"	,	2			30.10	62	60	59		,		4	10

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	, 0 ,	"
	Longitude by D. R.	0 ,	. "
Position at Noon:	Latitude by observations of ①	0 ,	u .
	Longitude by chronometer from Forenoon Observations of ②	0 ,	"
	(Latitude by		"
Position at 8 A. M.	Longitude by	0 ,	"
	(Latitude by	0 ,	· ·
Position at 8 P. M.	Longitude by	0 /	u
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp.	ass by Azimuth ⊙ observed at . , ship's head	0 '	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 '	variation used, o
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1	"
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 ,	variation used, •
Water expended du	ring the preceding 24 hours,	500	gallons.
Water dist	during the preceding 24 hours,	500	"
Water remaining o	n hand fit for use at Noon,	2700	u
Coal consumed dur	ing the preceding 24 hours,	/ tons /60	lbs.
Coal remaining on	hand at Noon,	146 " 800) "

-	-			1		-		
P. M.			11			1		
1		N. N. H	West	2	30.09 62 61 60	b.e.m	cu-s	3
2		H. N. H	"	4.6	30.07 6/ 63 6/	. "	4	3
3.		HXX	"	6	30.04 61 62 61	he.g. 7	"	3
4		Hest.		6	30.03 62 62 6/	1.1	ci-s	3
5		2 S. H	"	4.5	30.03 6/62 6/	b. c. g	"	3
6		Hest		4.5	30.01 59 59 59	4	4	4
7		"		4.5	24.49 60 08 08	"	"	4
8		,	,	4.5	29.99615859		.,	4
9		"		4.6	29.96 62 59 09	f.c.y. p	eu-v	2.
10		"	,,	46	2994625959	1/		/
11		1.21		45	29.93 61 56 57	,		
Mid.		N. N.E	V. 24	3.4	29.926/ 5453	0.c.9.6	4	0
						1		

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and with 400 AM light bruger from N. H. Barometer Jalling. From 8 00 AM. to Meridian Muslines at Janarters. Exercised at Subural Inartar. Jime : Peray " 3" 29 4 mustered at Janastere. Eacreient at Gebrual Indicated Jime May.

Admiral Thumanut P. N. called officially; salute him with Ji jums on leaving. Received status on board as follows: (on hist) Eapended in Bronance Depth 17 saluting charges. Commenced distituing at 19th Lection.

Ensign Meridian to 400 P.M. Meridian to 40 2. 100 Mest. Cool and cloudy with passing showers of pain last hour & Barometer facing at 300 the Capability Cruical Jachima; anchouse in the harder land first a solute of 2/ gyns with the English clas at the fore which was returned by the citabel gum for gum. At 300 she four a salute of James which was gum for gum which was fully the guar chip four a salute of James which was make toapoing whit to Jashima. At 300 sent down topgettant and royal years and bent its light sails. Distilling. From 400 P.M. 680 P.M. from Japanese Battiship "Jashina" returned boarding visit. Bent fore sail IN 4 32 finished distilling. O.P. Lackson From 80 J.M. to Midnight . Raining at intervale - occasional fresh squally from yt. Baronsta storag falling. John to Thowart N.S.V.

Examined and found to be correct

John Votewart Navigator.

LOG of the UNITED STATES Ship Essex. 3rd Rate,

							1							V	ALCOHOL:		
			D. No.		WIND.				BAROMI				URE.			lear ths.	Sea.
Honr.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S
A. M.				Nort	N. 71	2.3			29.92	6/	54	57		f.e. j	en-v.	/	
2				. 1. x 6	1.1.24	2.3			29.91	1				,	"	1	
3 4				N. St. It	Sr. Sr. gr	2.3			29.91					4	"	2	
5				Wx N	"	2			2991					t.c.m	" .	4	
6				Ir. N. M.	A	2			29.93					"	Jr. en	4	
8				"	4	2.3			29.94	55	52	52		"	sur	5	
9					u	3,4			29.95	1			,	f.c.	ei-cu	5	
10					и	35			1	57				t. c. g. p	fr. cu	5	
Noon.				"	*	3.5			2997					"		5	
										1							

Course and distance	e made good since preceding noon by observations,	· knots. tenths.	
	(Latitude by D. R.	0 / 11	
	Longitude by D. R.	0 , "	
Position at Noon:	Latitude by observations of ②	0 , "	
	Longitude by chronometer from Forenoon Observations of O	0 1 11	
	(Latitude by	0 , "	
Position at 8 A. M.	Longitude by	0 / "	
	(Latitude by	0 , "	
Position at 8 P. M.	Longitude by	0 , 11	
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head ,	o variation used,	
Error of the Comp	ass by Azimuth O observed at , ship's head	. 0 1 11	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o	
Water expended dr	fring the preceding 24 hours,	600 gallons.	
Water dist	tuled during the preceding 24 hours,	500 . "	
Water remaining o	n hand fit for use at Noon,	2.600 "	
, //	ing the preceding 24 hours,	/ tons /040 lbs.	
Coal remaining on	hand at Noon,	144 2000	

P. M.	110				1	
1	N. N.E	Nx &	4.6	29.97 5857 55	b. c. 9 Cu.	NJ
2	NxE.	., ,	4.7	29.9757 18 55	"	6
3	Ut. N. It	Nout	4,6	30. 60 5858 57	4 4	5
4	"		4.6	30.00 58 57 56	4 4	5
5	4	Nx6	4.6	30,00/6 38 37	4 4	5
6	E.N.E	"	5	30.02 45 53 53		6
7	SEXE	"	2	. 30.03 5552 52	4 .	8
8	8. 31	"	2.3	3005-56 52 JW	104	6
9	N. 21 x N	"	2	30.07 58 50 50	b. c. p "	6
10	tout	N. N.E	- 3	30.07 56 50 50	6.4 "	12
11	,	,	2	30.07574949	" 1	8
Mid.	,	4	/	30.08574747	', R	19

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 AM.
Sour and cool-high passing showers. Light be-gente bulge from N. It to N. - Baromelin failing, then pleady. Inforder, Miller ant, USA. From 400 AM to 800 AM

Frecion in Bay Department fresh provision as Joelows - Bread

12/4.

10. 11 Myseraus

10. 11 Myseraus From 8 on Am to Meridian.

blowing in squally from Stank Begrowhelet sleavy, at 10 is erased light yards and bent gear. The Captain left the chip specially at 10 is - Distilling.

Meridian to 400 9.M. Russinal clouding over and light pain squally. Mordinally Ensign

Vain squally. Moderate breeze with fresh to rew fresh squally from St. E to St. is arometer with fresh to rew fresh squally comed Bautischip grahima visited that ship. The sapance Bautischip fashima the first a salute of 17 guns white English enough sat the fore. J. Sr. Jordan US. N from 400 P.M. & 800 P.M. Clear of Sure with sty squalls. from Nr by 6. Baranda rising them falling D. Billing From 8 to I'M to Midnight.

Clear and pleasant. light passing showers first how.

Af watch. Light area to gentle bruge from I've to I. N.E.

Barometer strang then ming. Distilling.

J.M. Jordan. J. M. Jordan dientenant White

Examined and found to be correct.

John Witewalt - Navigator.

COURSES STEERED by Standard Compass. Height uninehes. Air, Dr. 4 Balb, Water at Surface at Direction by Standard Compass. A. M. N. N.E 30.08 J6 46 45 30.08 52 46 46 0.1 1.2 30.08 52 46 45 30,0853 4544 50.0853 4747 30.0853 4747 30.99544747 30.115453 53 30.11 545453 9 30.11575654 N. Jr. It. 11 2.5 30.11 57 55 54

course and distance	e made good since preceding noon by observations,	knots		tenths.		
	(Latitude by D. R.	•	,	"		
	Longitude by D. R.	•	,	"		
osition at Noon:	Latitude by observations of ©	0	,	"		
	Longitude by chronometer from Forenoon Observations of G	0	,	"		
	(Latitude by	0	,	u .		
osition at 8 A. M.	Longitude by	. 0	,	"		
	(Latitude by	0	,	"		
osition at 8 P. M.	Longitude by	0	,	"		
Current during the						
error of the Comp	ass by Azimuth ⊙ observed at , ship's head	. 0	,			
	ompass by Azimuth O observed at , ship's head	0		variation used,	0	
	ass by Azimuth ⊙ observed at , ship's head	0	,	" .		
	ompass by Azimuth ⊙ observed at , ship's head	0		variation used,	0	
	aring the preceding 24 hours,	6	00	gallons.		
Vater dis	during the preceding 24 hours,	6	00	"		
	n hand fit for use at Noon,	26	00	"		
	ring the preceding 24 hours,	/ tons	24	10 lbs.		
Coal remaining on		143 "	176	0 "		

P. M.		, ,				1	fa	1
1		Nout	N.N.E	3.5	30. 13 57 55 07	b. e. g. p	ci-en	4
2		"	, ,	3.5	30, 13 30 0 / 33	"	"	4
3		"	Kout	2.5	30.13 58 56 56	"	4	5
4		"		2.5	30. 13 59 58 57	,	11	5
5		N'x H	"	2.4	30.13 58 58 57	"1	4	6
6		"	NXE	3	30.14 58 56 55	6	4	8
7		North	North	3	30.1957 5454		ci-en	8
8		"	"	2	30,20 57 53 53		"	19
9		"	1 SxE	2	30.2060 53 52	1	4	19
10		N'x H		2	30,2159 50 50	1	"	9
11	10000		,	2	30.2/58 50 49		4	9
Mid.		,	"	1.2	30.2/56 49 48	"	4	9
		"	"					

bommander E. S. Strong. Sunday Sept. 19. , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 AM. Dalm to light bruger from N. N. E & N. E. Distilling. O.T. Lackyon ... Ensign From 4 as AM to 8 a am hight airs to light bruge I from t. E. Barometer rising Except morning orders. Received in Day Department fresh provisions as I follows: 97 lbs. A break and 12/4 lbs. each of suffand righting.

From 8 the am to Meridian.

Bleasant and cool with passing shower highs trugge with stop aqualle from S.E to S. It. Barometer steady. At 9 50 mustered at quartere Comdy. Micer inspected ship and crew and afterwards held Denne Sorvice on gun deck.

July ordan M.S. V.

Meridian to 400 9:96

Meridian to 400 9:96

Cloudy to fair - light to alrong bueze from N.N.E to the North with occasional squalls family placeing showers AE Sharp (Los) returned from leave. Sent liberty garty of men ashore.

M. Malue.

From 400 P.M & 800 P. M. Clear work for sunt freeze with moderate squalle first part of which from N to VX.6.
Barometer riving. Stepper distitling at 500 years man. He

Jos man U.S.A.

From 8th J.M. to Midnight. pleasant. Light airs and breezes from Nx6

dientenant. U. S.V.

John Witewart - Navigator.

			Day Mary		WIND.				BAROMET				URE.	State of	Forms of	Hear ths.	Sea
Hour. Knots. Tenths.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se	
A. M.				Kout	North	1.2			30.20	56	50	49		f.c	-	10	
2					"	2			30.20	57	50	49		4	-	10	
3				. ,	"	2.3			30.20	59	52	20		4	-	10	
4					,,	1.2			30.20	19	51	50		. 4	-	10	ı
5				. N. Hx W	N. J. H	2.3			30.21	59	52	57		"	fr. en	5	
6				N. HXN	" . "	2			30.21	53.	52	52	118	. ,	0"	5	
7				NxH.	North	23			30,23					b.c.m	Valla - &	25	ı
8				Kout	"	2.3			30.23					".	cir.	7	H
9				"	1×21	3			30 25						"	7	B
10				,,	"	3			30,26	18	57	56		"	"	6	B
11				"	,	3			30.26	60	57	53				6	B
oon.				Ax H	4	3.4			30,26	61	60	58		l'e	٠,	5	1

Course and distance	ee made good since preceding noon by observations,	knots		tenths.	
	(Latitude by D. R.	0	,	"	
Position at Noon:		. 0	,	"	
	Latitude by observations of ©	0.	,	"	
	Longitude by chronometer from Forenoon Observations of O	0	,	"	
	At Noon: Latitude by D. R. Longitude by D. R. Longitude by chronometer from Forenoon Observations of O Longitude by chronometer from Forenoon Observations of O "" Longitude by Chronometer from Forenoon Observations of O "" Longitude by Longitude				
Position at 8 A. M.		0	,	"	
	(Latitude by	0	,	"	
Position at 8 P. M.		0	,	u	
Current during the	e time, knots tenths per hour, setting to the				
Error of the Comp	ass by Azimuth O observed at , ship's head	0			
		0		variation used, °	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,	"	
		0	,	variation used, o	
				gallons.	
Water distri	clew during the preceding 24 hours,	4	00	"	
Water remaining o	on hand fit for use at Noon,	27	00	"	
Coal consumed dur	ring the preceding 24 hours,	Z tons	104	O 1bs.	
Coal remaining on	hand at Noon,	41 "	72	0 "	

м.	1				1		
,	N. N. W.	A. 24	44.0	30.26 60 59 56	f.c.m. 1	Cu. N.	/
2	Nout	1. 1. 7	3	30,26 60 60 57	t.e.m	"	2
3	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		3	302561 59 57	.,	"	1
4	A. H. N	"	3	30.24 60 59 57	o.c.m	"	0
	"	,	3	30.24 60 50 56	"	"	0
6	1.21	N. 21	3	30.50 61 58 56			0
7	tr. V		3	30.25 62 56 55	4	"	0
8	Hest	* **	3	30.2460 55 54	"	"	0
9	5. 21	"	2	30.23 6/ 56 55	b.c	ei-cu	4
10	"		2	30.22 6/56 55	"	"	2
11	West	"	2	30.22-6/56 55	o.c	cu. v	0
Mid.	"	,	2,3	90.19 61 57 56		,,	0
				1	. "		

From 800 AM to Meridian
Clear to fair. Genete to moderate breeze from the North. At 930
mustines at grantine. Abrent writtout blane of A. M. Camp(50.20)
The E. A fenkinh (20). Both absentine retiremen 4/4 hos overtime.
Exercision devision as follows: Powder. Great Funz. 124 + 325
Infanty. 2m Stay watch, signaley. At go go at after fine in 4+8
bollers of By order of Combinate There is A Meyer (630) was placed
in solitably confidencest of on head my water for two placed
in solitably confidencest of the County. Hive at the
Mence, last shing in the face of the County. Hive at the
mast. Distilling. There in backer A. B + J. J.

Mottaline and U.S.N. Meridian to 400 P.M. Gendy to overcast-mily-moderate brugo in diff squalle first hours from S. H. shifting to S. S. St. and decreasing in force to genute bruge. Bar. charge, then falling. Expression get brook crews 1st all pulling brook under boars then wight and secured fall broke for sea except sleam cultured to Culture. Rigger life broke- Distilling.

Gro. W. Wallaus Ensign. From 400 J.M. & 800 J.M. Deepe from N. N. H to N.H. Fire banker. Wiskilling. Mitaline

Mottaline Will What From 8th J.M. to Midnight

Cool - Cloudy to overcast - Light and gentle breezer from N.M.

Bar. falling cloudy - Dopper distilling. Fire spenker.

Examined and bound to be correct.

Lo. 77. Wife interpretable of the Wylewart

John Wylewart Singer.

LOG of the United States Ship Essell.

Waking passage from Slymouth harbor. Eng. and

Wind from Slymouth to Situation

Randletter Temperature.

Blate of Portugue of 5 5 5

			Reading	01 0	WIND.				BAROME		TEME		URE.	State of	Vorme of	Clear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of th
A. M.				1 21-	1. 21.				20 15	10	-1	7			0 ,	1	
1 2				A by N	N. S. H.	34			30.17					o. c. m. q. 7.	lu N	0	
3				A. M.	St. It	4.5			30.16					o. e. m.g	"	0	
4 5				"	"	5,3			30.12	61	57	56		b.c, m. q	fi'en	4	
6				N. J. H	"	2.3			30.12					f.c.m	nim	2	
7 8				17.01.01	4	3			30, /3	6/	58	58		"		2	
9				A." H	"	3			30, 15	-		1 1		o, c. d.	Cu. N	0	
11				4	N. H. X	3			30.15					f.c.d	1	0	
Noon.					"	3			00,76	62	02	,		vaa	"	1	

Course and distance	ee made good since preceding noon by observations,	knots. tenths.
	(Latitude by D. R.	0 / "
	Longitude by D. R.	0 , "
Position at Noon:	Latitude by observations of ②	0 1 11
	Longitude by chronometer from Forenoon Observations of	o , " "
	(Latitude by	0 / 1/
Position at 8 A. M.	Longitude by	0 / "
	Latitude by Bearings	49058, "
Position at 8 P. M.	Longitude by	5 00 , "
Current during the		
Error of the Comp	eass by Azimuth O observed at , ship's head	0 (
	ompass by Azimuth ⊙ observed at , ship's head	o / variation used, o /
	bass by Azimuth @ observed at , ship's head	0 1 11
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	o / variation used, o
	uring the preceding 24 hours,	JOO gallons.
Water disc		700 "
di a	on hand fit for use at Noon,	2900
	ring the preceding 24 hours,	5 tons 980 lbs.
Coal remaining on		135 1980

M.				1 1 21.	1 1. 21		30.15-6		,	11	& c.d	cumin	4
1				N. N. W	N. N. 21	3	The state of the s				1	num	7
2				N. H	"	3.5	30.17 6	4 1	2	0	6.0.91	0 "	3
"1-				2116	"	4.6	30.17 6	4	6/ 0	9	"	Shi- min	4
3/5	2 3	3	\$6 249	24 /25 24 /2 N 24 /2 N	NxH	4.5		60		18	"	"	3
5	8	9	15,8	21 /25		4	30.20 6					4	4
6	7	0	22.8	* "	"	4	30.21 1					4	4
7	7	4	30.2	*	N. N. H	4	30.25					*	4
8	7	2	37.4	,,	"	4	30,28 6	.3 .	70	6 5	T		4
9	60	3	44.6	24 3/4 N	N HEX N	4	30.326				8 "	"	4
10	6	5	51.1	"	"	4	30.326				8 "	0.4	6
11	6	9	58.0	*	,	4	30.32					Pii-au	J
fid.	6	8	64.8			24	30.32	6/0	8	75	8 4		5

bommander & J. Strong. Tuesday Expt. 21: under the command of , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commencer and unite 400 AM cloudy - fight driggle second hour. - Sente to fresh buye from N. St. Dirig banker. P. Lackrong. Of Lackson Frign. From 400 AM & 500 AM. Cloudy - Strong to light burge from A. H. Cacculet moming orders. - Distilling. Justs banked in the boilers. Millemant, US.N. From 800 am to Meridian.

Overcast to cloudy - Angling - Gente breezes from N. H. and N. H. by N. Mustred at quarter at 12 and exercised divisioner, as follows: "It single stikes - I Waterboard watch Betting Port watch - signale - 300 Infantry - Pour - Infantry . By order of Comple officer confined & S.E. Daylor (232) for one; day in politary confinement on blead and confined to describing another person fine it of rady The English Plagship fired a salute of northern genes, other yashima fired a politic of No general anglish flag at form I wishilling - Fire banker.

Sup. M. Mey auch Ensign Meridian to 400 J.M Jair and pleasant-Jenete to Jush breeze Jron N. x It + A. N. It. Barometer rising.
Maile perpendicus for sea and at 2th get under way and stort out of Beyond
haptor under steam alone-Comed. Officer at Comm. At 32 Mork det entere from Centle
It. I x E distance 1/2 mile. Set close It h S. (Dat dog 0.0) At 1312 set pt. fore
top next staypail - main trypail and changer - At 3th change source to the 1/2 N.
(P. L. 2.6) and at 352 to 11 h S. (P. L. S. 6) At end on coursed It 1/2 S under cleam
and jet - fore top wast staypail, main trypail + spanker - Draught- Forwer
14. 08/ft - aft. 16-10' - At Steam 45-At. Jrw. 43. O.P. tacken From 400 P.M. 6 800 P.M. Cloudy and wol - moderate breeze from It x It Is It - Berometer rising At 4 2 Tree foresail - at 600 sighter the dizer bearing 11/45. - At 600 Trok in and furler foresail - at lend of welch on course 11/25 under cleam and git - fore topmast claysail - of anter, and main trypail - average cleam progree 150. revolutions 43. From 8° 9. M to Midnight

Jain and pleasant Jenete to moderate bruge from NH. N. B. ar. rising then cleady Steering a fourse NHS index steam and same sail as preceding watch. If 8° fy note Condights changed course for Hope. At 10° sighter the look on latter four Lipan fights in sight he still side sall the watch. At 10° hope W. Do'E (may) and Thelf Hork of W. Ho. W. (mg)

Av. steam 43 - Av Price 13. Numerous vessel lights in sight during watch.

h. Jordan. J.M. Jordan US. M. John Stewarts ... Navigator.

LOG of the United States

from Shype Essea for Gibraltar.

COURSES STEERED by Standard Compass. Height ther. Ther. Balb, Water at Surface. Direction by Standard Compass. 72.2-9.79.1 8.84.9 7.90.6 7.00.6 7.0 30.81 61 58 57 58 30.19 62 59 56 58 2/ 3/4 N N. 21 0 0 3.4 N. Hx H 00 44 30.01 62 58 56 58 30.3/ 62 58 56 58 H. N.N 0 3.4 4 45 4 5.5. H 5.5 E South H. 3/4 N 30.13 60 59 60 58 0.0 mg/s Noon

Course and distant	ce made good since preceding noon by observations,	1. 3/4 1/ /20 knots. tenths.
	(Latitude by D. R.	49 · 27 · " N
	Longitude by D. R.	6.49. " 24
Position at Noon:	Latitude by observations of ⊙	
		_ 。, "
	Longitude by chronometer from Forenoon Observations of O	
Position at 8 A. M.	(Latitude by N. K	49 ° 35 , "
Position at 8 A. M.	Longitude by	
	Latitude by	49 0 23, "
Position at 8 P. M.	Longitude by	7 . 24. "
Current during the		
		0 /
		o ' variation used, o
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	
Error of the Comp	ass by Azimuth O observed at , ship's head	0 / //
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	o / variation used, o
Water expended di	uring the preceding 24 hours,	JOO gallons.
Water disti		100 "
		2,500 "
	on hand fit for use at Noon,	2500 " 8 tons 220 lbs.
Coal consumed du	ring the preceding 24 hours,	
Coal remaining on	hand at Noon,	127 " 1760 "

P. M.	02	88	12.0	24. J. 24 J. 21. 24	HxX	24	30.12 63 60 61 58 o, c. g. d. Ca. N 0 m
2	3	3	18.1		N. N. A	3.4	30/263 62 6/58
-	3	0	11.1	*	N. H. x W	4	30.12 63 61 61 58 0.cm. g " 0 " 30.12 63 61 61 58 0.c g.d " 0 "
1	2	7	23.8	"	21 N. 21	42	30.12 63 6/6/ 58 o.c. g.d " 0 "
4/15	1	2	28.8	24. 3/4 N	2 x N	3.4	30.11 62 6/ 61 st o.c.m.d " 0 "
6	3	0	28.7	"	24. N. H	3.4	30.11 62 61 61 58 " " 0 "
7	2	5	31,3		"	4	30./3 64 6/ 6/ 58 " " 0 "
8	3	4	34.7		., "	3.4	30.13 64 6/ 6/ 58 " " 0 "
9	3	5	38.2	*	2xx	3.5	30.13 66 60 61 58 0.c.m.g.d. 0 4
10	2	6	40.8	*	"	3.5	30.13 66 60 61 08 " " 0 "
11	3	2		4	"	3.5	21/1/1/17/10/17
Mid.	3	4	47.4	"	N. 21 x 21	34	30.14 66 59 60 59

Commences and until 400 AM overcast-gente to moderate S. It to It. S. II. Trueze, course of 164. What was a sum and aft salit except flying git. at 12 took in all sail. At 12 Malf Rock Lt absume just dropping himan litt. I I at 12 picker up St. Agner Biologic Rock Lts. by loom. It agner than plain sight at 22 bearing 3 points on stag bour - Steam in three boilers - Av. steam pressure volets. Askerge Mathefine. Overcast - gent to moderate N. H to M. N. M. bruze. Course H 3/4 N. Under steam and all Jose M.O. Hulue dientenant USA. From 400 AM to 800 AM Smooth pea - Steering course it 34 Dr. Junte 42 when the wall of the low persone explinions of the major engine gave way the pieces falling into the Euglinder and interfering with the picture causing it to plut and stopping the engine. Permond towner, cleaned out cyclinder-uplaced towner and at 13 tales engines and went ahear on contrar of 14 W. At 42 Richops Rock dt 14 from Journer of classon on contrar of 14 W. At 42 Richops Rock dt 14 from Journer of classon to beam. Ship hear & 34 S. Ship feel off from the wind and west helm down drifter to beward. Would light and shapes inducating ship not under control From 800 AM to Meridian From 8th M. to Meridian

Overgood, cloudy + Nainy - Moderate to cliff been backing from Heat to SH. here

Vering to H. J. H. Dash. Jalling item rising - Mr Jose Musical at quarter. By order of

Combe fficer released from confinement & restored to duly Japla (4.9. (2.9. Of tacken Meridian to 400 9.M change Course to A H by it. pat log 130. At end of water on course A H by it under steam. Av. rev. 34 L Co. stam 40. Dellen From 400 P.M. to 800 9.M. Grevast cloudy mist and drigging rain Jent to module breeze from WxX. Is th. N. M. J. J. Galling when hising - Steering to course I th x H under steam alone at 425 my order of County Office I changed evene to H XVI. as steam 33 - av. Rev. 50. From 800 J. M to Midnight.

Overnet - Information misty-occasionally cleaning slightly overhead - Sente to siff I xV to J. St. x to treege J. Steam 44 lbs. Revol 35. dientenantils.V. John W Tewash Link - Navigator.

John Witewart Navigator.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 A.M. Soute & moderate beege from your M. Moderate sweet, Bar setady. Parking chamber from - Sterning events of 4 th under steam. ar seamy 40 - ar, per 55.5 DI. W. Wyliam Ensign. From 400 AM to 800 AM Juga J. H. + Hray H. St. - Bar rising - On course It. H. N. - Staning with the boiles - ar rev. 36 - ar. storm 40. Of Jacker Turign From 800 Am to Meridian. Cloudy - missif and cool. Moderate brun from N.N. It to Mest. Ber. altery. At 915 changed course to 18 11 (2.6. 18) and kit four topmast stays are main trypaid and spanker. Off 93° chapter engine and calle "all hands make call". Uncoupled for four four out. Det clock frach 14 minutes. At 5° shopper lining and allower force of different to the first force of the division were exercised as follows - Town and Towder, first, and thing general without for person, fighter affect wonder, signale. Distilling It and I walth full and by a host tack under topsails, foresail, main tetrail spanker foretopmast stayaget due jet. Ensign Meridian to 400 J.M. Bas Island them at any Starring by the wind on both tack builder same sail, as preciding waith. It I'm got the wind on both tack under same sail, as preciding waith. It I'm got the wind on best man and vorgen topmart damate say them at 132 Exercises of an loop and after guard appreciate at signific. I ordan Lientinant. U.S.V. Just 4 00 BW & 800 BW Goody to overical occasionally cleaning to windward for few minutes Moderate to fresh It is it is it is it to pails. Of Je hadd down jet, main and might betoment starpails and took a second red in to praile. In June branker - Distilling. Lienten ant. USN. From 8 or PM to Midnight.

Cool and cloudy to flair-misty wind variable in force from stiff to fresh breeze from It St. - Staring of the wind on kost tack making It. It to It. It for Bar. I alling. Moderate proses seef I ship pitching epoily. At 11 3 righter a vessel light on son start brook for white I maderate higher a presidently whateng little or no headway to visititing - We end under south rufes to pract to pract to pract to pract the proper to pract to pract the start headway of the proper to pract the property of Onsign

3

2.3

30,30 62 57 55 57

30.32 6/ 57 55 57

1 30,32 62 57 55 57

3 86.3

10

11 Mid.

Commences, and until 400 AM. Bar Jalling. At 2th hauler down hold of spanker. At 20 Jimshed distribus. Starring by the wind on part tack, It en under fore topmast starpaid. Joreale, Idouble reefed topealle, main trypail and Jost of Spanker. I From 400 AM to 800 AM Decrease - agually and rainy - Iresh breeze blowing in agraella from S. H. by S. Bar, stady. At 6 = wearfest came on thick, totalin for home and hinde reefest of years and merican lines on the operated standing to the H. - Cacculat morbing order - at end of watch close harder an part toch under double reefer topsails, single reefer foresail- fore topmest staysail; main towail and fort of sparkers. trysail and foot of spanker! From 800 am to Meridian. From 8 - UM 6 Meridian.

by Sit. Bar ring. Sterning by the wifed on port tack lunder same sail as preading watch. By 9 short one rest out of Speaks and Joresail all man mines of themast stansaile and haules out head of spanket. By order of Combi. When relaxed from Confinement R. B. Drinan (2.3.6) expeciation of sentence and confinement on bread and water for two days. C. C. Brown (2.3.c.) (fense). Drown (2.3.c.) (fense). Drown (2.3.c.) (fense). I dientenant, U. S.A. Meridian to 4 - 9. m Meridian to 47 - J. M.

Overcast and raining 10th fart cleaning last part - Jenete to moderate breeze from

1. S. M. shefting first your to J. J. M. Last two home 1. W. T. Jan, reing.

Of 12 more Johit, and at 1 - 3 M. on course of S. M. making about the knote. Id 1'
took in shankh and set pit. At 2's shirt reef out of topsails and get 3.8 sale.

Bent main tacks and sheets. Unhear chain cables and put in have buckless are dying out.

Mothere & U.S. dienlement, U.S.N. From 4 = J.M. 6 8 = J. M. They and cool-gentle to moderate beeges from I. H. by N. My N. H. - Moderate sea . Bar mains all 5th took in trupale and set mainsail. Eletring contras It A H. - At end under fore main ; and migger topmast staysails and plans sail to top gallant sails except spanker.

From 8° J. M. to Midnight.

Clear and fine - fight aire to gentle frage from N. H. N. My N. N. Bar riving.

Moderate sea at 10° hauler in part log reading 81.3. At 9° act apander and at 10 mg.

My toop in jit + foresal reductingly to high on course 11.5 H Sighlet settoma stam-

11 2 took in jit + force ail respectively to help on course 11. It Sighter attamn staming to I 2 3 g E all lend for sail plain sail to I. I saile (except jet and for sail) you all to pulse stays all to make the town.

The town of the town.

John With T Navigat

			Reading		WIND.		388	1986	BAROME	ETER.	TEMI	PERAT	TURE.			lear ths.	940
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea	Otata of the G.
M.																	
1				No sturage way.	N. H	10			30.33		1		-	f.	none	10	1
2		4		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	variable	1.0		2	30.33					"	4	10	ı
3		8		S. H xS	2. N. H	1.2		2	30.33	61	57	55	57	"	,	10	i
4		6		S.S. 71	HIV	1		2	30.33	61	57	55	57	f.c	en	7	i
5	1	3		S.S. H 1/2 H	A x S	2		2	3033	61	58	57	59	"	"	1	ĺ
6	2	0		S 1/2 H.	Hest	2.3		2	30.34	61	58	52	19	"	li en	5	l
7	0,	50		n East y	5. 24	23		1	30.35	61	58	56	59		9	5	I
8/5	3	0			S. MxS	3		1	30.45	61	59	59	19	4	"	4	l
9	4	4	90.0	"		4		1/2	30.46	60	59	56	58		nim cu-S.	5	i
0	4	2	94.2	"	*	4		1/2	30.45	60	60	57	58	"	ti-s	5	ı
1	4	1	98.3	1	"	4		3/4	30.44	60	60	57	58	4	9	6	ı
on.	3	9		A. 24 x 2 /2 74	5.71	4		3/4	30.42	60	60	57	8	4		7	ä

Course and distance made good since preceding noon by observations, S. 7	1. 1/5 H 37 knots. tenths.
(Latitude by D. R.	490 38. " 1
Longitude by D. R.	10 · 27 · " It
Position at Noon: Latitude by observations of Θ	49041. " N
Longitude by chronometer from Forenoon Observations of	of 0 10 0 28, " H
Position at 8 A.M. Longitude by Ohe. 0	49.38. " Jr
Position at 8 A. M. Longitude by Ole 0	100021 " #
Position at 8 P. M. Longitude by DR. From P.M. obs.	490 43, " N
Position at 8 P. M. Longitude by DR. Gum J.M. obs.	0 11011: " #
Current during the time, - knots - tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 / //
Deviation of the Compass by Azimuth O observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	500 gallons.
Water distilled during the preceding 24 hours,	300 "
Water remaining on hand fit for use at Noon,	2300 "
Coal consumed during the preceding 24 hours,	_ tons _ lbs.
Coal remaining on hand at Noon,	122 " 1680 "

P. M.													1	ei-s		
1	3	3	4.5	N. H. 21	S. N	141	3/4	00.40	161	62	59	58	t.e	In cu	6	L.
2	3	4	7.9	Nr Hx N /28	S. WxS	4	3/4	30,38	61	62	19	58	"	ec-cu	5	
3	3	6	11.0	N. H x Dr. 3/471	"	4		80.86						"	5	
4	3	6	15:1-	N.N. 147	5.5 %	4		30.36						ei-s	6	4
5			19.0	2. N. H	"	3.4	3/4	30.30	-61	59	59	50	. "	curmin	4	
- 6			24.4	"	"	3.4	1/2	30.35	60	22	58	58	,	ei-un	3	
7	3	8	28.2	N. Hx N 1/2 St	S. H	3		30,35						4	2	4
8	2	5	30.7	N. H	S. Hx W	2	1	30.37	62	58	57	58	b. e. m. 1	1 "	2	"
9	2	6	32.3	1. H. 1/4 N	"	12	1	30.3	763	58	58	18	f.c.m		2	11
10	3	1	35.3	N. HXN	N. S. St	23	1	30.3	762	18	57	38	"	"	2	"
11	3	3	38.6	N. N. St /2 St	"	3.4	1	30.36	62	57	56	58			4	"
Mid.	4	4	43.0	"	"	4		30.3						4,	6	4

Commence and until 400 AM. Calm to light, aire from N. H. & H. N. No plerage way first half of watch. Bar stady. At him of watch close hauled on starboard tack under fore, main and might be present staysails, and all plane sail to topgettent sails except git, and Josevail. From 400 am to 800 am Storm 4: com to a com.

Clear and pleasant - hight to gent bruge from It x It to & It x S. Bar rising.

Steering by the wint on self tack under barne each as preceding water.

Of 19 set foresait. At 6 2 wore ship and steered by the wife on port tack. At yet set git. A steamer placing standing It the & ...

Just Jordan. Lientenant, USA. From 800 AM to Meridian.

Jair to clear - moderate & It x S to S to breeze - Channing up ship, and scrubbing gun dech. By order of Country Officer H. C. Broker (25.0) was released from Sconfinement for exploration of time on It. H. Krappatch (2.50) was placed in solitary confinement for one day on bread and water; - Officer - Orientedines of orders! At M. got a assunding in Is June, June yellow sand and troken chiele with a few beth. Repeate. Long ewell from It. It.

Mit have

Mit have Lienterant, U.S. A. Meridian to 400 P. Me Meridian to 400 9. M. Stering from S. H. backing gramally to S.S. N. Stering by the wind on for tack, making St. N by It to VINS. N / It. under Jone main and miggen lopmast staypails Jan plain sail to top gallon sail. H. Milliaus Ensign From 40° PM to 80° PM.

Clondy and pleasant light dright last hour. Moderate to light been from
SSH to SMAS. Bar, steady then riving. At 6° trop in Plot gallant sails.
Stering by the wind on part tack wilder are lapenast stars alle not breets
coursed ashi spanker. Sighter two steamers standing to 5° 46° and one It, 5° 48° the
Coursed ashi spanker. Sighter two steamers standing to 5° 46° and one It, 5° 48° the
Coursed ashi spanker. From 800 J.M. to Midnight.
Cost and pleasant, hight aire to moderate buggi
shifting to H. S. H. Dar. Jalling plowly. At end of walth
m port lack under same sail for previous watch. from S. It by It close haules D. Billin

Examined and found to be correct

John Thurst hint-r Navigator.

Ensign.

LOG of the UNITED STATES Ship Essey Eng. to Gibraltar Rate,

			01010	rang prim	ale from		1	-		100	1.		-	vuivu	0		
			Reading		WIND.				BAROME				URE.	State of	P	Hear the.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S.
A. M.														1			
1	4	8	47.8	A. HXN	M. S.M	4		/	30.34					, b.c.	-	10	d
2	4	9	52.7	N. N. 7. 3/4 X	- "	4.0		1/2	30.33	62	19	18	38	"	ci-s	7	11
3	5	4	58.1	A. Y. Hat		46		1/2	30.32	62	59	18	59	4	-	10	"
4	5	1	632	,,	"	4.6		1/2	30, 32	62	54	59	19		cu-ci	9	4
5	5	2	68.4	N. N. St /281		5.7		1	30.3/	63	59	19	59	"	en	5	S.n
6	4	6	73.0		"	5:6		1	30.3/	62	59	59	59	"	- "	4	"
7	4	6	77.6	N.N. N. 348	S. nxn	5.6		1	30.33	62	60	60	59	"	In en	4	1
8	U	6	82.2		"	5		1	30.33	63	61	61	17	"	"	3	"
9	4	6	86.8	"	W.S.N	4		/	30.85	62	61	61	59	"	"	2	1,
10	4	2	910	A. H. X	1/x5	3.5		1	30.36	62	60	60	59	b. c. 1, 6	"	3	1.
11	2	9	939	"	. "	3		1	30.39	62	60	60	57	b. c. m	ei-eu	6	"
Noon.	2	-	95.9	N. H 3/4 N.	21. S. 7	2.3		1	30.39	62	60	60	59	"		4	

Course and distance	e made good since preceding noon by observations, A. W/LW	85 knots.	tenths.	
	Latitude by D. R.	50 ° , 83'	" N	
	Longitude by D. R.	12 021.	" W	
Position at Noon:	Latitude by observations of O	50 0 35	" N	
	Longitude by chronometer from Forenoon Observations of O	120/21	" H	
	(Latitude by DR	10 0 23 .	" N.	
Position at 8 A. M.	Longitude by obs o	11057	" 24	
	(Latitude by UR.	500 43.	" N	
Position at 8 P. M.	Latitude by J.R. Junn J.M. obs. o	120201	" N	
Current during the	£ -: 1	4		
	ass by Azimuth ⊙ observed at , ship's head	0 ,		
•	ompass by Azimuth O observed at , ship's head	0 ,	variation used,	0 1
	ass by Azimuth ⊙ observed at , ship's head	0 ,	"	
•	ompass by Azimuth O observed at , ship's head	0 ,	variation used,	
Water expended du	ring the preceding 24 hours,	5-00	gallons.	
Water	during the preceding 24 hours,		"	
Water remaining or	n hand fit for use at Noon,	1800	u	
	ing the preceding 24 hours,	i tons -	lbs.	
Coal remaining on		122 " 1680	, "	
, and an a				

P. M.	2	1	98.0	Jr. N. H 3/2 H	1. S. W	3	11/4	30.89	62	-62	-61	19	b.e.m	ei.cu	2	En	2
2			100.2			3		30.39					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	"			
			1.2	N. 21 /21	S. N. W	2		30.39					*		4	4	
		0	1.9	N. Sr. W 1/4W	N.SH	1.2	11/2	30.39	63	62	62	19		4	4		
5	1	2	-	N. N. H /2 H		2	4	30.40	63	61	61	59	,		3	5	
6	1	0		,	HXS	12	4	30,40	63	60	60	59			3.67	4	
7	0	8	-	4	,,	1.2	4	30,41	64	59	60	59	,	ci-s	7	"	
8	1	0	-	"	,	1.2		80.44						ei	9	"	
9	1	0		N. 7/ 1/2N	5.27	1		30,45						"	8		
10		+7		1. 1. 3. 24	"	1.0		30,44						.,	9	"	
11	1			N. M. 3/27	4	1	3	30.45	64	59	59	59	+	none	10	"	
Mid.	/	7		2. N. W	SHXS	1.2	3	30.42	64	59	19	59	f.c	en	8	"	

Commencer, and until 400 AM Obser and evol-moderate to Jresh breeze from H. S. M. Das. Jailing them please. Sturing by the wind on port tack under all scale to topsails except main tripially. hope swell from H. N. H. Show stamere and a sailing visual blights sightly during watch.

Sir. Jordan, U.S. S.

From 4th to SM. In Sor SM. Wery fresh breeze from It. S. St. to S. H x M. all 44° hander down main and miggen topmand claysaile Executive morning orders.

Gro. W. Williams

Meridian to 400 PM Condy and pleasant, Sente breeze to light sine from 14. S. H + S. H x H. Bar. steady. Steering by the wind on fort lack same sail as preceding watch.

OP hoken Ensign

Of heken Ensign

From 400 P.M. to 800 J.M. in Sught startight last hour-dight aim to light bruse Juga 1, 5th to 11 Jugo. Bar rising. at 400 haules in patient by reading 2 Jahr haules as present watch.

From 8 or IM to Midnight dight aire to light freeze from S. H to S. W. S. Barospelle strady then falling - Steering by the wind on port lach No change of rail

Worden Stenlenant U.S.K.

John Thurt + Navigator.

Nontring passage from Slymouth, Eng. & Gibralton LOG of the UNITED STATES WIND. Height Ther. att, Water at Surface. Force. Heel. A. M. 2. N. N. 1/2 74 24. N. 71. 1/2 74 S. H by S. 1.233 7 3 6 4 9 8 12.1 4 18.5 6 24.1 8 24.9 3 3 35.2 3 3 4 45 - 4.5 4 4 S. J. E. 8 9 10 South 11

	./ 0		
Course and distance	e made good since preceding noon by observations, 7 x 5	J2 knots. tenths.	
	Latitude by D. R.	50 ° 22' " N	
	Longitude by D. R.	13 0 32 " 24	
Position at Noon:	Latitude by observations of O	10 0 23 " W	
	Longitude by chronometer from Forenoon Observations of O	130311 " 8	
	(Latitude by D. R	50037 " N	
Position at 8 A. M.	Longitude by	18 0 04 " 34	
	(Latitude by D. R.	7500 11. " N	
Position at 8 P. M.	Longitude by " From J.M. obs. 0	140 18. " 21.	
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o variation used,	0 1
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 / //	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o 'variation used,	
Water expended du	aring the preceding 24 hours,	JOO gallons.	
Water _	during the preceding 24 hours,	u u	
Water remaining o	n hand fit for use at Noon,	1300 "	
Coal consumed dur	ing the preceding 24 hours,	tons /200 lbs.	
Coal remaining on	hand at Noon,	122." 480"	

								1								
P. M.	,			-1			1			,.			0		,	1
1				21/25	South	4	1/2	30.21	63	62	62	19	t.c	cu-shi		d
2	4	9	46.2	Hest	SxH	4	3/4	30.21	62	61	61	54	"	ci-en	3	11
3	4	7	50.9	N.N. 7 3/471	S. S. H	4	3/4	30,15	63	62	61	59	0"	,	3	"
4	4	9	55,8	2. N. St 14 %	"	45	3/4	30.15	62	60	60	59	b.c. p	,	3	4
5	4	1	599	21 3/4 1	Sxn	4.5	1	30,13	62	60	59	18	f.c	4	4	11
6	4	1	64.0	West	. "	4.5	1	30,/3	63	60	59	58	"	4	2	"
7	2	3	66.3	West 3/ 5 7 12 11	South	4.5	2	30 /3	64	59	59	58	"		1	4
8	2	3	67.0	NSA IN	SXE	4.0	2	30,13	65	59	59	58	o.e.m		0	4
9	2	1	67.9	11 8. 7 3/4 W	South	4.5							o.c.m.d	cuar	0	4
10	2	0	+	21 x S	,,	4.5	2	30.12	65	60	61	58	0. C. m/	"	0	"
11	2	2	-	Hest	Sin	4.5	2	30.10	64	60	61	58	"	"	0	4
Mid.	2	4	-			45							,		0	"
1		1														

4-203

, U. S. Navy, , 18 97.

John ly Tenest Navigator.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 AM Clear, and dame. high aire to genet & H. v.S. t. S. S. H. bruge. Full and by on port lack under all plan sail to topsails. Of 1the let main and mission topmast staysails halliards carrying away in setting sail, hailed it down. Bar. falling stadily. Trom 400 Am 6-800 Am Cloudy to overcast and misti parsing showers this hour dripling last hour I gent to self breezel backing from S.S. It to S.S.E. Bar falling slowly-moderate sweet. Steering but the wind on port tack making coferces It by I to N.S.H. At 1740 set topgallant sails Rove IST new misses topmast staysail halliands. I alt end under fore and main Istymast staysails and plain sail to topgallant sails, on course It. S.H. From 800 Am to Meridian. loudy light dright first part - Medicate to stoff breeze from S. E. and South Bar. latting. At 10° set migne topmast staysail. At 9° mustive and inspected at Jun Alle. Exercises as Problems 1° period. Powder Dir. Junning Instruction. I'm Dhi. Battry on Bir. Pictole. 2° Dir. Battry on Barry on the small stories and clothing. By order of Comby flow releases from confinement and restores to duty. Bates a (a 30) I form of June on port tack under all plan sail to I grant and I be supported to the sender all plan sail to J. 9. soils and all topmask staypails. OP. Lackern Meridian to 400 P.M. Cloudy and cool - Moderate breeze from S to S.S. W. Dar, Galling at 1st book in tolgellant sails - Exercised appendices of watch at making thrum make and signale. At 30 took in main and migran topmest storagely. At end of watch close haules on port tack gunder all places sail to topagete. Interferently Control of the place of the pagete. Interferently Control of the pagete. Interferently control of the pagete. Clear and pleasant first part of watch, clouding over latter part. Moderate to slift beller from & S. M. to S. E. B. Ex. falling it in stoady. Steering by the wind on port lack under same sail as preciding watch. At 55 set/main and miggen topmast claysails. At 6th two reld in topsails pur hauler down jit and main and miggen topmast claysails. A German Steams passed standing to be 6. From 400 P.M. 6-800 P.M Dientenant USW. From 8° J.M. to Midnight bour then raining rest of watch - Moderate to chong breeze from the South to the Saronder falling storely.

Mothere 4 11. Wo Halen Sindinant USN.

				Reading		WIND.				BAROMI	ETER.	TEMI	PERA	TURE.			lear bs.	Sea
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. 1	M.	1	9		West	Sxn	4.5		2	30.07	64	61	61	18	o.c. m. p	en	0	2
2	-	2	0		2/201	,	46		2	30.07	64	61	61	58	0. c. m. r	4	0	
3			8	68.1	S. Mx dr	N. N. St	4.5		2	30.09	64	61	6/	08	"	4	0	
4	-	2		70.1	S.S. 21	4	3.4		2	30.10	63	56	12	58	o.c.m	"	0	
5		/	0	705	"	4	2			30.11	63	56	56	18	"	"	0	
6	1	2	0	120	4	4	2.3			30./3	62	22	57	18	o.em.d	,	0	
7	1	2	5	73.0	4	. 4	2.3			30.17	62	33			16	. "	0	4
8	1	2	7	75.7	,	Nx W.	2,3	•		30.19	60	55	64	58	o. c. m	"	0	4
9		1	0	76.17	"	" ,	1-2			30.21	60	55	54	58	"	/1	0	"
10	1	1	5	78.2	4	Nout	12			30,23	60	27	54	2	o.c. m.d	"	0	m
11		1	0			4	/			30.23	60	56	54	18	o.c.m	."	0	"
Noon		1	5	-		N. N. 2	1.2			30,22	60	57	13	58	b.e	cu-s	4	"
	1	-						-										

	. 04	1424 52		
Course and distance ma	ade good since preceding noon by observations, U.M	/ / / Knots.	tenths.	
	titude by D. R.	14 . 33 ,	" N	
Lo	ongitude by D. R.			
Position at Noon: La	atitude by observations of ①	49.50,	"N	
Lo	ongitude by chronometer from Forenoon Observations of	o no ota. o ,	"	
Position at 8 A. M.	titude by D, R	49.56,	" N	
	engitude by D, K	14035,	" W	
(La	titude by D.R.	14 0 26:	" N	
Position at 8 P. M. Lo	titude by D.R. from P.M. obs o	14 026;	"11	
	ie, - knots - tenths per hour, setting to the			
Error of the Compass 1	oy Azimuth ⊙ observed at , ship's head	0 /		
Deviation of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	variation used, o	
Error of the Compass 1	by Azimuth ⊙ observed at , , ship's head	0 /	"	
Deviation of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	variation used, o	
Water expended during	the preceding 24 hours,	500	gallons.	
Water	during the preceding 24 hours,		"	
Water remaining on ha	and fit for use at Noon,	800	"	
Coal consumed during	the preceding 24 hours,	tous /2	80 lbs.	
Coal remaining on han	d at Noon,	121 " 144	40 u	

P. M.	2	1		S.S. 24	Jr. Jr. H.	2	30.22 60 59 56 58 fr. c fr. en 3 &
1	-	1		0.5,77	Vr. Jr. or.		30.22 60 0 00 00 0.0 00.5
2	2	2	-	. 4	"	2	30.2260395638 " 2.
3	2	7	-		A. Hx Nr.	2.8	30.2/6/60 57 68 " 2 "
1	3	0				3	30.226/6/5750 4 4 4
5	3	4	78.3	. "	4	3	30.2460 60 57 50 " sit 5 "
6	3	2	81.5		N. Hx H.	3	3023 6/60 57 58 4 4 4
7	3	6	85.1		"	3	30.25 62 58 56 58 " 2 "
8	3	2	86.8	"		34	30.27 63 58 56 58 44 . 2 "
9	4	4	91.2	,,	4	3.4	30.2862 57 52 58 b.c.m aun 1 "
10	4	4	95,6	"		34	50.28 65 57 58 58 " " " "
11	3	4			21. N. W	3.4	30.27 62 57 57 58 " " "
Mid	4	7	3.7	21 7 7	"	4	30.27 62 57 58 50 " " 3 "
1							

under the command of bommander, & S. Strong.

, U. S. Navy,

ECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 40 SM.

Overcast - miely - raining Just how hours. Moderate to Jush breezes Jum S by the until 20 when wint chifted and denly to M. N. M. Bar. alrady and rising. At 20 took yo spanker and mainsall. It 30 net be clow of maintail. Stirring by the bond on part tach until 20 when boxes off and put also only kourse SS. H - At end under Juse topmart classical, Justianil host clew of your wait and double reefet topsails. - Dightis, a stamm standing to the astern.

Orom 40 AM to 80 AM

Overcast and misty-light driggle seems and third hours - Light to gentle breeze from N. N. H + J + H Bah. rising - At 50 phock free fout of the ails and made all plain sail to I.S. sails except pit and spanker At 12 set pit - At 50 hander in Tak dog seading 70.5 put it out again at 60 pt 14 end on course S. S. H under Jose Sophiast classail and and all plain sail to I.S. sails except spanker. The faction of the sail of S. sails except spanker. The faction with Justing begins in eight.

From 80 AM to Meridian.

Overcast to cloudy light airs to light buese from It by the top the Dar steady At 80 set particles as sail to I.S. sails except spanker. The sailing begins in eight. Sightles a warrier sail to which faire sightles a warrier sail to which faire some were exercised and follows. In Sounder signale I wast gum drill - view Infanting with sure some were exercised and follows. In Sounder signale I wast gum drill - view Infanting

Third-gen instruction - After powder - gun drill. - Seemd Perror. Call divisions of Appention were excretion at reamanchip instruction. I aute in pat by at 9th rearing 76.7 put it over again at 9th Auter it again at 10th Market in course S. W. under all plans pail to royale except spanker and flying jet.

Defiller.

Ensign

Meridian to 400 P.M.

Clear and pleasant - light to gentle breeze from N. N. N. It N. N. - Stering a course S. S. T. No charge of Sail. Gencile Appention st signale, knowling to pleasing and compace By order lof Conds Rice released from confinement I. N. dondon (1.30) and S. B. Ogden (1.30) expiration of confinement. Also confined for one day, solitary confinement on bread and make N. B. Deebe (2.30) offence deliberately learning port at life below, turning in or deck and going to cleep.

From 400 S.M. 6- 800 S.M.

Jair to cloudy. Genete to light breeze from NY + N to N HM at 4th act main & miggen topmant chargades at 4th both, in main royal & J. G. acts or clewed down main topeast to, restackle por main topeast breef tackle + then act topeast royal of J. sail. At 6 to took in royals. At 7th hands in parting and at 8th pur at over again reading 86.6" Mottpeline.

From 8th I.M. to Midnight.

Stoney - Clearing preshood at time - cool - Justic to moderate breezes from 1. H. H. H. H. H. A. actually.

Storing Examined and found to be correct fore; main + miggen lipment stay sails + plan sail to top getter made saugh specificary.

Sto. 74. Hilliam.

Ensign.

John Temant Navigator.

LOG of the UNITED STATES Ship Essea, Naking passage from Shymouth to Gibraltan.

	1			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.			lear bs.	8
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
A.	M.	6	1	9.8	5.5.7	N. H	45			30.27	61	18	-16	57	· l.c	cu. r	4	S
	2 .	5	3	15.1	"	"	4			30.26					"	"	5	"
1	3	6	2	21.3	4	"	4.0			30.23	100			0	0"	ci-cu	/	"
4		5	7	27.0	"	4	4.5			30.24				-	t.c, m	."	6	"
1	5	6	0	33.0	"	4	5			30.24	1.	1	-7	68	b.c.d	nim	4	2
	3	6	1,	39.1			5			30.24		-	1	16	f.c	11	14	"
1		6	6	45.7	K	1 " 11	5			30.27		18			6.c.p	0."	5	11
8		6	3	52.0	*	N. Hx H	5			30.28	-		1	30	"	frien	5	"
9		5	8	51.8		"	5			30.29			1	58	*	1,	U	11
10		6	0	63.8	4		5			30.3/					"	"	4	"
11		6	6	70.4	4	"	5			30.31					"	"	6	"
Noo	n. (6	1	76.5	4		5			30.32	60	59	29	58	"	"	+	"
	1														.,			

	53/6	//3 knots. tenths.
Course and distance	be made good since preceding noon by observations, \mathcal{S}_{4}	
	Latitude by D. R.	47008. " 1
	Longitude by D. R.	14007. " //
Position at Noon:	Latitude by observations of O	470571 " 1
	Longitude by chronometer from Forenoon Observations of O	14006, " 2
	(Latitude by N. R.	48 , 22, " N
Position at 8 A. M.	Latitude by	14011, " 24
	(Donghude b)	47.10. " N
Position at 8 P. M.	Latitude by D.R. Juom P.M. Jos. O	13 56, " 24
Tosition at o 1. M.	Longitude by D.R. from J.M. obs. 0	10006, 11 01.
Current during the	time, - knots - tenths per hour, setting to the	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the C	ompass by Azimuth O hserved at , ship's head	o variation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1 11
	ompass by Azimuth ⊙ observed at , ship's head	o / variation used,
	ring the preceding 24 hours,	500 gallons.
Water —	during the preceding 24 hours,	
		300 "
	n hand fit for use at Noon,	/ tons 640 lbs.
Coal consumed dur	ing the preceding 24 hours,	/ tons 67-10s.
Coal remaining on	hand at Noon,	120 " 000 "

P. M.	6	2	82.7	5.5 24	N. H. W	5	30.81	60	59	58	59	b.c.p	Je cu	4	2
2	6	8	89.5	"	"	5	30.31	60	58	58	59	, 1.	"	3	"
3	5	2	95.2	4. **	N. A. M.	5	30.31	61				"	"	3	
4	6	2	1.9	,	· North	5	30.31					"	"	3	"
5	5	4	7.3	4	N. N. 21	4.UT	30.33					"	4	4	"
6	5	5	12.8	"	"	3.5	30.35	63	59	58	60		4	3	
7	6	2	19.0	,	"	4.5	30.36					4		5	4
8	6	5	25.5	4	"	5	30,37	64	59	58	60	4	. "	4	
9	6	9	32.4	"		5	30.37	64	59	18	60	4	"	8	"
. 10	6	8	39.2	14		5	30.37	64	59	58	60	"	fr. on	1	"
11	6	8	1	1	,	5	3037	63	59	18	60	,	-	2	"
Mid.	1	/	13./	4	4.	5	30.37	63	59	58	60	f.d.	fr. ou	6	"

under the command of bommander & J. Strong Widnesday, Sept 29.

, U. S. Navy, , 18 97.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4° SML

Cloudy and pleasant - Moderate to slift breeze from St. H. Bar, falling then rising on course S.S. M. under all topmast staysails and all plain sail to topgallant solls except spanker.

Ensign.

From 400 AM to 800 AM.

I Was. War very above last half of watch- Stiff beege from 1. It to
I Was. War very. At 100 hander down might be pushed for passing
agnall, set it again at 700 Executed morning obten. On course S.S. To under your
said so previous watch.

From 8 to AM. to Meridian, Survey abovers - Stiff breeze from N. H x H. Bar, riving. bong swell from N. H. - Stiering a covered S. S. H. under pand each so succeeding water M. 82 ash poyale and flying get and hauter up meacher clear of manisail. Starter This for distilling, Oh 92 meditares at quarties. Carrein Towder Dist, at Junning Duis Junior all. Distances - Camanahip. By order of County Phien released from entiginment of J. Poyer (asc) capration of confinement. The French Philip Tereuresance parcel standing to the Carrein made the following signate Jul. Code, J. S. N. P. S. J. D. N. J. answeled from this philo S. N. D. S. N. J. S. R. J. answeled from this philo S. N. D. S. N. D. S. S. S. C. S. N.

J. N. Jordan U.S. N

Mend an to 400 PM

Generally cloudy with passing chowers in light equalle during which wind vered slightly-Strong burst from N. N. to the North. Out 22 hauled down all staysailst flying get has feety world most draw. At 32 cet flying set, main & mineral. By order of Comed flying set & Butte (230) was released from confinement term having expired and at Batte (230) was confined from the day on manmoch meeting walth on deel, and BC force (230) was confined for one day on tread and walte-Office taking and wearing another appendix books without permission-taxiness for lopened at pergrale, and rest of walth, mat making.

Mitthews

From 400 PM to 800 P. M. Saiff bruge from N. N. H - Sweet from No and His Ship rolling deeply at times at 5th took in main's magan topmant staysails. At 5th took in July pit. at 6th took in royale - Sterring course S.S. H. attended under plain sail to top fall sails except starboard clear of managed and spanher. The statisting

From 8 on J. M. to Midnight

Fair, and pleasant with passing showers. Stiff breeze from St. St. H.

Bar. Niady- In course S.S. H under Same sail , as in presiding watch. Distribing.

Examined and found to be correct.

Johnh Stewart Narigator.

Ship Essed, is Sibraltan. Making passage from Height in inches. Ther. Ali, Bailb. COURSES STEERED by Standard Compass. b.c.p N. N. H North N. H x N 8 57.9 3 7.25 3 78.10 4 87.4 9 94.3 1 8 22.1 2 30.3 7 37.0 30.37 63 59 58 60 5.5.24 30,37 62 58 57 61 30.36 62 58 58 61 5.6 5 5 5 5 5 5 5 5 5 5 30.30 62 57 57 6/ 30.35 62 60 59 60/ 30.35 62 60 59 60/ 30.39 62 60 59 60 0.2, 30.39 62 60 59 60 0.2, 30.39 62 59 59 63 0.2, 30.39 63 60 59 63 30.39 63 60 60 63 30.39 63 62 60 65 62 9 5 3/4 24 11

Course and distance made good since preceding noon by observations, $\mathcal{S}^{3}\!\!/\!\!\!\sqrt{\mathcal{E}}$.	/56 knots. tenths.
· (Latitude by D. R.	45° 19. " N
Longitude by D. R.	13 . 26. " 24
Position at Noon: { Latitude by observations of @	450201 " 1
Longitude by chronometer from Forenoon Observations of O	13 . 43, " 24
(Latitude by A. R	45° 56, " N
Position at 8 A. M. Longitude by	13 054, " 24.
Me.	44.31, "N
Position at 8 P. M. Longitude by Longitude by Longitude by	130.18: " 24.
Current during the time, - knots 5 tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 .,
Deviation of the Compass by Azimuth ⊙ observed at , ship's head-	o / variation used, o
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Water expended during the preceding 24 hours,	700 gallons.
Water distilled. during the preceding 24 hours,	/300
Water remaining on hand fit for use at Noon,	900 "
Coal consumed during the preceding 24 hours,	/ tons /60 lbs.
Coal remaining on hand at Noon,	119 ". 640 "

P. M.	6	6	43.6	8.0/4	24	N.N. H	5	30.39					f.c	ci-fr	3	2
. 9	6	2	49.8	,,		4	5	30.39	63	62	61	63	f.c.d		2	
1	6	8	07.6				5	30.37	64	62	60	63	t.c	0".	1	41
	7	0	63.6	"			5	30.37	64	62	60	63	,,	gr. cui	2	4
5	6	4	70.0	"		North	5	30.37	64	62	60	63	. "	"	1	
6	6	8	76.8			"	5	30,37	65	62	60	63		"	1	4
7	6	2	830	"			. 5	30.38					4	.,	1	4
8	6	1	89.1			"	5.	30.40	66	61	60	63		4	1	"
9	5	4	94.5				45	30,40					"	- 4	1	4
10	5	7	0.2			1	45	30.42					o.c	"	0	
11	6	4	6.6	"	1	,	5	30,42	67	62	61	63	f.c	0 4	2	,
Mid.	6	4	13.0	,		",	5	30.42	67	62	61	63	"	y cu	4	"
1									1							

under the command of

Lammander & S. Strong. Shusday, Sept. 30th

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 of Am. A. A. H to A. H. X. Bardyweld falling cloudy on course S.S. He under all plan sail to top gallant sails except spanker and weather clar of mainsail Distilling. Energy From How Am. to 800 AM From H. W. W. b. J. M. - Barring showers - Stiff to very fresh freeze from N. W. X & J. J. M. - Barotreter chicary, item rising. Long swell from N. H. - Staring a course S. S. H. - No change of pail - Distribute. J. N. Jordan. USA strom 800 am to Mendian. Object light passing shower first the hours. - Strong to Jush A. S. H. belge Oh 9 - changed boules to 5 3/2 th. Ph. 163 - Oh 93 mustred at guarter and extracted Divisions as Jollows - Tooder - Spurmishing, 184 Signele & Infanty, 2 20 Great June: 32 Single slicks. Second Period - Parmer and equipped traft for culting out. At 9 1 set royals - Distilling. Motherhant USA Meridian la 400 P.M. Meridian to 45 TM. Cloudy displing and hour Stiff breeze from N. N. N. N. - Stering course 5 3/4 N. under jet and afraire sail to rouble exlipt meather clear of manisail. Bar stead and falling - No change in sail during watch. Exercise starboard watch so Dir. - Signale and delaite from watch sow watch and pair heaving its long. Exercise all appellines and delaite from No - Garrier at I arm and way boals. By order of Comes (Jewy Meason of Comes (13.0) from confinement and confined Harding (a se) for 5 days in solitory confinement on bread and water for "Northy abusine language and striking a letter of frien. Distilling. a Peter Micer. Distilling. Jas. MAUlaus From 400 P.M to 800 P.M From 45 9M & 8- V.M. Cloudy and pleasant. Stiff breeze from North. Barometer rising at 625took in royals. I all end on course of the M under jet and all equals sail totopgallant sails except weather clear of manuscil. - Distilling tuckers.

The am and a sile of the sail of the From 800 J.M. to Midnight.

Cloudy and cook. Moderate to Jush freeze from North-Barometa steady
On course S J.J. A. under same sail as presiding watch. - Distilling. Examined and found to be correct. John Wytwart Lient & Navigator. Oppraved 8.7. Strong Conda West ...

UNITED STATES Ship Essex Signorth to Gibralton.

COURSES STEERED by Standard Compass. Height in inches.

Ther. Griph Balls. Aft, Balls. B Force. 3 /93 6 24,9 2 30.1 3 40.8 - 2 46.0 - 2 57.2 - 2 58.3 8 65.3 4 0 69.3 4 3 3 72 8 3/4 24 Nout 30,41 66 62 60 62 30.39 66 62 6/62 30.39 66 62 6/62 Sh 30.39 66 62 6/ 62 30.39 66 62 6/ 63 30.39 65 62 6/ 63 30.45 65 63 62 68 30.46 65 63 62 63 30.46 65 63 63 30.46 66 63 63 NNE NNE 45 4 4 4 4 9.4 03202233 o.c. f. c. p N. N.E 1.6 N. N. E 30.47 67 64 63 64 30.48 66 65 63 64 34 11 3,4

Course and distance made good since preceding noon by observations, $\mathcal{S}_{\kappa} \mathcal{E} /\!\!/ \psi$	E /30 knots. tenths.
(Latitude by D. R.	· 700/2 "-1.
Longitude by D. R.	12 0 39. " 24
Position at Noon: Latitude by observations of ©	43 0 14, " 1
Longitude by chronometer from Forenoon Observations of ©	12 0 53, " Th
Position at 8 A. M. Latitude by	43 ° 26 , " V
/ Longitude by	420 461 " N
Position at 8 P. M. Latitude by N. R Jum J. M. No. 0	12 0 48, " H
Current during the time, - knots 4 tenths per hour, setting to the	
Error of the Compass by Azimuth O observed at , ship's head	o / variation used.
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used. o
Deviation of the Compass by Azimuth ⊙ observed at , ship's head Water expended during the preceding 24 hours,	600 gallons.
Water Austilla during the preceding 24 hours,	/200
Water remaining on hand fit for use at Noon,	1500
Coal consumed during the preceding 24 hours,	/ tons /040 lbs.
Coal remaining on hand at Noon,	//) " 1840 "

P. M.	1/2	3 3	73.7	5.3/4 24	1 xE	3,4	30.49 67	7 66	65	64	f.c	gr-a	2	2
1 2	3	9	799	1/2 //	N. Sr.E	3.4	30.48 67					frica	5	4
3	2	6	82.5		Nout	23	30.48 67	7 70		64		4	2	*
	3	4	85.9	*		3	30.49 67	67	66	64	"		3	*
5	4	1	89.0	. "		3	30.49 67	60	- 64	64	,	nin	2	4
6	3	9	92.9		N.Ex.N	3	30.57 67	64	64	64	o.c	eu nim	0	"
7	4	0	96.9	,	NE	3	30.53 69	64	64	64	- 4	-	0	1
8	4	5	1.4		"	3	30.54 70		63	64	f.c	4	3	*
9	4	9	6.3			3.4	30.56 69	64	63	64	4	"	2	8
10	4	y	11.0		-	3.4	30,56 69	169	263	64	b.c.d	"	2	11
11	2	9	13.9	,	6.1	1.3	30.56 69	9 63	63	64	b.g. 1		2	14
Mid.	2		16.0		6.4.8	1.2	30.56 64	9 63	63	64	8.c	4	8	"

Commences and until it of AM.

Fair and pleasant Siff buys from It to I x E. Barometa falling then clearly - Long awell from It of the Sturing a course 5 /4 H. under square I sail to top gallant sails except sette clear of mainsail.

Of 32 hauler up port I clear of mainsail and set sette clear. Distilling

J. S. Jordan, Lieulenant U.S. N

strom 4 or Am to 800 Am Orient for cloudy. Moderall to gliff breeze from INE to No. Prin equalle about Median horizon fall the watch. at 5/40 bet royale. At 64 hauted up plantoant clew of mainsail. Executive morning order. Distilling Mithemate. What

Thom 80 AM. to Meridian. Gro. W. William

Meridian to 4° J.M. Cloudy and heagant-light to moderate bury from Nit 6 to N- Bar, stady - at 12° hange copies to 5 to the B. 1. 3.7). Set post cler of manipaid at 1° took it in again at 1° By order of Coming of five released Bates a. J. (a.3.0) from confinement and restored him to duty by a same authority confined English C. a. (a.3.0) for 4 days on 8 th. for absolutely refusing to obey an border of the office of the Seek. Under A ame part as physical before how wasted as physical and application of the seek. post watch of apprentice on anchor chain and apprentise of post forecasted at signal.

From 400 P.M. lo 800 P.M.

Overcast to cloudy-gents bruge from N. to N by E-Bar rising. at 5th called all hands Abortin a all and exactive appropriate order from It to It by 6-Dar reing. Ut 5" called all hands schooling light earls, took the reels in topsails and foresail shook out reels and made first to thought earls, took bush on the sailing nearly or post bush - Distelling. At end of watch on course 5 1/2 th under all plant and bland marrial. In arthing for topsail luring series, to for the told for combining for the sailing and should a new me.

From 8-9 M to Midnight.

F

John to Thurst Navyeto

LOG of the UNITED STATES Ship Essia. Waking passage from Slymouth to Gibralton.

COURSES STEERED by Standard Compass. Height in inches. Ther. Ther. Ballb, Ther. Ballb, Surface at Surface. Direction by Standard Compass. Heel. 30.56 68 63 63 64 30.55 68 63 63 64 20 S 1/2 24 2 S 85 2 / / 0.1/ 30.54 68 63 63 64 30.54 68 63 63 64 0.0 m 30.54 68 63 63 64 0.0 m 30.57 68 63 63 64 0.0 f 30.57 68 63 63 64 0.0 f 30.60 66 63 63 64 0.0 f 30.60 66 63 63 64 0.0 m 30.63 66 64 64 64 6.0 m 30.65 67 65 65 64 " 0 2 5 1111 00593 S.S.E. ...9 10 to stierage way 0.1 11 SE 0.1 wearing

Course and distance made good since preceding from by observations, Sec. Solution at Noon: Latitude by D. R. Longitude by D. R. Latitude by D. R. Latitude by Observations of O Longitude by chronometer from Forenoon Observations of O Longitude by Chromometer from Forenoon Observations of O Position at 8 A. M. Latitude by Chromometer from Forenoon Observations of O Longitude by Chromometer from Forenoon Observa		
Latitude by D. R. 1/2 0 25 1	Sx6	50 knots tenths
Position at Noon: Longitude by D. R.	Course and distance made good since preceding hooft by observations,	
Position at Noon: Latitude by observations of © Longitude by chronometer from Forencon Observations of © Longitude by Chronometer from Forencon Observations of © Position at 8 A.M. Latitude by Chronometer from Forencon Observations of © /2 0 43 , " /2 0 4 , " /2 0 4 ,	(Latitude by D. R.	
Position at Noon: Latitude by observations of O Longitude by chronometer from Forencon Observations of O Longitude by chronometer from Forencon Observations of O Longitude by Position at S A. M. Longitude by Longitude by Longitude by Longitude by Position at S P. M Longitude by Longi	Longitude by D. R.	12 0 36 1 "
Longitude by chronometer from Porencon Observations of © /2 ° 43 ' " Position at 8 A. M. Latitude by Longitude by Longitu	Position at Noon:	420251 "
Congritude by Carnonemeter from Forencom Observations of the Compass by Asimuth @ observed at ship's head		
Position at 8 A. M. Latitude by Longitude by Mar. O	Longitude by chronometer from Forenoon Observations of O	
Position at 8 P. M. Longitude by Longitude b	(Latitude by A.C.	420251 "
Position at 8 P. M. { Latitude by Longitude by	Position at 8 A. M.	12 0 43 , "
Current during the time, — knots 2 tenths per hour, setting to the Error of the Compass by Asimuth O observed at ship's head o variation used, o Deviation of the Compass by Asimuth O observed at ship's head o variation used, o Error of the Compass by Asimuth O observed at ship's head o variation used, o Water expended during the preceding 24 hours, Water Audilla during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,	of	41.052, "
Current during the time, — knots & tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head o variation of the Compass by Azimuth © observed at ship's head o variation used, © Error of the Compass by Azimuth © observed at ship's head o variation used, © Error of the Compass by Azimuth © observed at ship's head o variation used, © Error of the Compass by Azimuth © observed at ship's head o variation used, © Water expended during the preceding 24 hours, Solve at Solv	Position at 8 P. M. Longitude by N.R. from P.M. obs. 0	12 0 28, "
Error of the Compass by Azimuth © observed at ship's head o variation used, o Error of the Compass by Azimuth © observed at ship's head o variation used, o Error of the Compass by Azimuth © observed at ship's head o variation used, o Water expended during the preceding 24 hours, Water Audition used, o variation u		
Deviation of the Compass by Azimuth © observed at ship's head of the Compass by Azimuth © observed at ship's head of the Compass by Azimuth © observed at ship's head of variation used, of wariation used,	Error of the Compass by Azimuth O observed at , ship's head	
Error of the Compass by Asimuth © observed at ship's head o variation used, o variation of the Compass by Asimuth © observed at ship's head o variation used, o variation used, o variation of the Compass by Asimuth © observed at ship's head o variation used, o vari	Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, // 00 // 100	Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Water Austillar during the preceding 24 hours, //00 " Water remaining on hand fit for use at Noon, 2/00 " Coal consumed during the preceding 24 hours, / tons 440 lbs.	Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o
Water Austrilled during the preceding 24 hours,	Water expended during the preceding as hours	JOO gallons.
Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, /// " / 204 "	Water expended during the preceding 24 hours	1/00 "
Coal consumed during the preceding 24 hours, / tons 440 lbs.		2/00
Coal consumed during the preceding 24 nours,		/ tons 640 lbs.
Coal remaining on hand at Noon,	Coal consumed during the preceding 24 hours,	
	Coal remaining on hand at Noon,	//6 " /200 "

P. M.	1	5	17.2	51/2 24	East	2	30.64 66				b.c	Ju en	4	S
2	3	1	203		E.N.E	3	30.62 66	64	63	65	"	4	4	4
3	4	3	24.6	,	N.E	4	30.6/ 66	64	63	65		"	4	10
1	4	8	2.9.4		"	4	30.61 66	64	68	65	,	"	7	4
1	5-	4	34.8		6. N.E	4	30.62 66	64	63	65		ci-cu	8	12
6	4	8	39.6	"		4	36.62 66	64	63	60	"	ei-s	8	à
7	5	7	45.3		1	4.5	30,6468	64	63	65	- 0	"	8	-
8	6	3	51.6	"		4.5	30.64 69	64	68	65	6	-	10	12
9	7	3	58.9		"	5	30.6470	64	63	65		- "	10	1
10	7	7	66.6	*		5.6	30.64.69				&c	fr." ou	8	
11	8	5	75%		"	67	30.64 69	60	60	65		"	6	Ti
Mid.	8	5	83.6		"	6.7	30,63 69	EU.	60	65	"	ou	3	n

Commences and until 400 AM

Denerally slowly-light driggle last hour light biere to light aire from It. E. Course S/2 th. under get main and mityer topmast slays all & all aguare sail to S. G. sails except we asked clew of mainsail. Ut 3.5 hauled down main & mig. topmast stapsails Distribution. Ut 15 hauled in part log reading 16.2.

From 4 of AM to 500 AM.

Forger and dringling dight airs from East. South + 5.5 6 - Made hilf a kent on course 1st hour I do sterage way. I am hour made course Heat hast. At 500 both in starboard clew of mainsail. At ew under plain sail to lopgellant sails except mainsail.

Distriction

Dro. H. Muains

From 800 AM to Meridian. County and musty-light drivel first hour. Calm to light aire from South to East. Datomate rising should at 800 wore ship and set he clear of maine air and spanish - Stephing by the wind on still tack frist part; no sturage way third hour. At end of watch wearing ship protelling

Meridian to 400 PM Cool and pleasant-light to moderate breeze from East to N.E. Barometer falling. Finished wearing chip at 1212 and set trouble-fore main and migner lotomast staypals. But over pat log at 122 reading 162 at end of weeth on course S. W. H. under all plant sail to royale except wenter clim of maintail and all topmast plant pail . Distilling.

From 400 9.M. to 800 J.M. Clear and pleasant-Moderale to still beege from N.C. to E.V.C. - Barometer ruing slowly - Smooth sea- Stigning a colorer S. 12 H under same sail ar purfoling watch. At 62 took fin and Jurier royale and Jelying yet. Distilling

g. Jr. Jordan. Rienlen aut USN.

From 800 PM to Midnight.

Clear to cloudy - Stiff to very Just E. S. E. breeze. At 102 brailed up spanker and at 11 took in toppallant I sails and mingen topmast stayedile.

Moon set about 104. Barometer steady. Distilling.

MOHilmen Minternal US. S. Wothshue Lientenant USN.

John With Marigator.

LOG of the UNITED STATES Ship Essell Suprouth to Gibralton Rate,

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.			lear hs.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M	8	9	92,5	5/2 24	6. N.E	2			30.63					b.c	In en	2	n
2	8	0	100.5	4		7			30.62					. "	"	2	10
3	8	2	8.7			7			30.61	68	65	64	66	"	"	5	"
4	8	1	16.7			17			30.61				66	"	"	7	11
5	8	4	25.1	7	"	6.7			30.57	68	66	66	66	"	"	4	"
6	9	4	34,5		4	7			30.07	68	66	66	66		211	2	L
7	10	4	44.9		"	7			30.57	69	67	67	66		Jeti un	3	
8	8	6	53.5		4	7			3057	69	67	67	66		"	4	
9	52	07	58.5	5% E		7.8			30.50	71	69	67	66	"	ai-en	4	"
10	8	5	697		,	17			30.58	70	69	67	66	"		5	
11	7	2	769	Sx6/26.		7			30.58	70	68	67	66			5	"
Noon.	8	3	85.2	11		7			30.59	70	68	67	67		,	5	

Course and distance made goo	od since preceding noon by observations, $\mathcal{S} \times \mathcal{E} /\!\!/_{\!\!2} \mathcal{E}$	/62knots.	tenths.
Latitude		390 49'	" N
Longitud	le by D. R.	11 0 27.	" 24
Position at Noon: Latitude	by observations of ⊙		" N
Longitud	e by chronometer from Forenoon Observations of O	11046	" 24
(Latitude	by DR	400 15.	" N
Position at 8 A. M. Longitud	e by obs. O	12 0 08.	" #
(Latitude	by OR.	38 0 55	" N
Position at 8 P. M. Longitud	by D.R. from P.M. obs. o	11 0 05.	" #
	knots of tenths per hour, setting to the		
Error of the Compass by Azir		0 /	
Deviation of the Compass by	Azimuth ⊙ observed at , ship's head	0 /	variation used,
Error of the Compass by Azi	muth ⊙ observed at , ship's head	0 1	"
Deviation of the Compass by	Azimuth ⊙ observed at , ship's head	0 /	variation used, o
Water expended during the p	receding 24 hours,	500	gallons.
Water distiller	during the preceding 24 hours,	1200	"
Water remaining on hand fit	for use at Noon,	2800	"
Coal consumed during the pre	eceding 24 hours,	tons /9	101bs.
Coal remaining on hand at N	oon,	115 " 152	0 "

P. M.	3	4	88.6 SAE 1/2 E						
1	4	6	93.2 Sx61/48	ENE	17	30.55 72 69 68 67 4.c	en	4	m
2	8	17	1.9		19	30.53 7/69 68 67 "	Jr.cu	4	"
3	8	7	10.6		19	30.5171646867 "	0 "	5	"
4	8	1	18.7	A.ExE	6	30.4971696867	"	5	4
5	8	1	26.8	N. ExN	6	30.48 7/68 67 67	0 "	4	"
6	8	3	35.1		6	30.47 7/67 67 67	fr-cu	4	"
7	8	3	48.4	,	6	30.46 7/67 67 67	"	6	"
8	8	0	51.4	,	6	30.46 72 68 67 67	1.	8	"
9	8	2	59.6	,	6	30.45 72 69 68 67 b.c.m	-	10	"
10	7	9	67.5	J.E	5,6	30.4572 68 67 67 "	-	10	"
11	7		74.5		5	30.43 7/ 68 68 67 "	-	10	"
Mid	17	0	81.5	*	5	30.42-71 68 68 67	-	10	"

Commences and until 400 AM.
Cloudy to fair - pleasant - Blowing fresh from G. N. E. Baronela falling.
Steering a course S. M. under set Jak and main topmark staypalle folesail,
topsaile and starboard club of mainsail - Distilling.

Let M. M. Milliaux
Ensign.

On course 5/1 It under same last as in friending watch - Distilling.

Orm 800 am to Meridian.

Course to SIN & at 8th 25 Ph 585 Joh bies from & St. E. Barometer stray. Changes

course to SIN & at 8th 25 Ph 585 Joh bie main bounant strayrait at 842

At 8th calles "all hands reef topeail" and fook one reef in Topeails, handed

clown and slower the sit. At 1000 changed course to Sty 6/26. Passed a

small barque close toboard on he beam standing to Sty 6/26. Passed a

small barque close toboard on he beam standing to Sty Ginished distilling at 9th and school reefs out of lopeails. At 1/20 est hearter clear

of mainsail.

Hillery

From Meridian to 400 J. M. Charles from G. W.E. to J. E. x.E. Barometer faciling. Moderate sea, whip rolling diskly at timber. Steering a course S. 6 1. 6 Junder same said at presiding watch. M 122 tyl grider of Coundy, Hice changes covere to Sx E/4 6. Based two safeling results and to steamer during watch.

From 400 P.M to 800 J.M. Such N. Sueze. Bar, falling slowly. at 5 30 looks a single ruf in the topsaile.

Mitaline

From 800 J.M. to Midnight Reint bueze from N. C by N. first hour shifting to the clear and pleasant of fresh bueze from N. C by N. first hour shifting to the and decreasing in Josee. Blandmeter falling. Steering a course of by 6 HE under jet four main and miggen to penasof starphill courses and single reefel topicals, Moon set at 1/12 Broke 14 second glass.

Examined and found to be correct.

John Tewart Sint Navigator.

LOG of the United States Ship Esser. 3rd Rate,

		T			WIND.				BAROMI	ETER.	TEM	ERAT	URE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Baib,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the
A. M.	6	5.	88.0	5×6/4E	N. E x 6	5			30.40				67	t. w	none	10	m
2	6	3	94.3	"	6 N.E	4.5			30.39		67	67	67	4	*	10	"
4	4	8	4.7	"	"	4			30.87		67	69	6)	1"	".	10	"
5	5	1	9.8	"	n.c	4			30.36	70	67	67	67	b.c.m	alto-sh	8	S
6	5	8	14.8	"	16.0	4			30.35	11 .	67	67	67	l.c	gir en	7	14
8	5	8	26,4	,	"	4			30.35	-/		68	67	"	"	70	"
9	5	4	32.3	5x63/4E	SEXE.	4			30.36				- 66	"	ei-st	9	"
11	4	6	42.3	"	"	3.4		11	30.36	1	-		- 66	"	"	9	"
Noon.	3	3	45.6	"	6. St. E	2.3		1/2	30.35	67	6)	66	66	"	1.	9	"

Course and distance	e made good since preceding noon by observations, $SSE/\!\!\!/\!\!\!/\!\!\!\!/\!$	/5/ knots.	tenths.	
	(Latitude by D. R.	370 381	" V	
	Longitude by D. R.	190 50.	" %	
Position at Noon:	Latitude by observations of ②	37040.	" N	
	Longitude by chronometer from Forenoon Observations of ©	100 15.	" W	
	(Latitude by	37053.	" N	
Position at 8 A. M.	Longitude by	10030,	" H	
	(Latitude by	37032,	" N	
Position at 8 P. M.	Longitude by DR from P.M. obs O	100 14.	" H.	
Current during the	time, - knots 9 tenths per hour, setting to the %.			
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 ,		
	ompass by Azimuth O observed at , ship's head	. 0 ,	variation used,	0 1
	ass by Azimuth ⊙ observed at , ship's head	0 . 1	"	
	ompass by Azimuth ⊙ observed at , ship's head	0 /	variation used,	
	ring the preceding 24 hours,	500 g	illons.	
Water	during the preceding 24 hours,			
	n hand fit for use at Noon,	2300		
	ing the preceding 24 hours,	- tons -	lbs.	
Coal remaining on		1/5 " 1520	"	

P. M.									,	, ,	,,	,	1		-	0
1	2	4	48.0	Sx 6 % E	E.N.E	2	1/4	30.33	69	69	60	66	V.C	Ci-5	0	7
2	/	9	-			2	1	30.32	69	20	69	66	4		8	"
3	1	3	-	,		1	1	30.31	71	7/	69	66	"	"	8	.,
4	1	0		,		1		30.3/	7/	72	70	66	4	"	8	4
				No sturage way		1.0		30.27	12	72	70	67	"	"	7	"
6				"	variable	1.0		30.28	72	20	70	67	."	"	7	4
. 7	1	0		Sx & 3/4 E	8.4.€	1.0		30.29	73.	68	68	67	bcw	11	8	4
8	1	3		"	St. ExE	1		30.29	12	67	67	67	"	4	8	"
9	1	4		,	4	1		30.29						"	9	4
10	2	1		,	NE	1.2		30,29	72	66	60	67	"	"	99	"
		6			"	1.2		30.21	70	66	64	67	"	"	9	"
Mid.					"	1		30.29						"	15	"

Commences and until 400 Am. Baromeli Jalling. On course Ix 6 14 6. under you course - single rufed lopeach and all lopmast stagrails.

O.P. Lacken.

From 400 AM to 800 AM

Clear-cool and pleasant-Moderate bruze June E. N. E. to N. E. Barometer Retady. At 5th shook rule out of topsails and set topgalant suits. Executive morning orders. At end of watch on course & 5/4 E. under all plans sail to longellant sails except spanker.

From 800 AM to Meridian. Chan and pleasant. high to moderate buys from N. E. to E. St. Barometer altacy. Smooth sea. Standy a course S. 246 k moder same sait so preceding wrotch at 9 thy order of County. This change course to S. 6 1/6. Det royale and lying jet and 8th Change the angle course to S. 6 1/6. Det royale and lying jet sait suns. Change at 9th musters at Duranter, Educated Shirt freak turn. - 1th Dir. Infantry - Signale. 2 the Dir. chantry - 5 Dir. Single sticks. Second ferrod all Devisions defamanship. One stamment - a safeing vessel in sight standing to the St.

Lantenant West.

Meridian to 400 S.M. Watch at signale and mat making. I light airs from 6. N. E. - Exercised watch at signale and mat making.

Motheline US.N.

From 400 9M to 800 PM

Sterning course Sx 6 946. At 400 forth in spanker. At 45 haules down for many of migger topmast stagnate. At 4 look in and Juries royale.

Nelly sail will second hours. At end under get fore toppast stagnate and aguer sail to toppast. light in sight three points about starboard beam Hot Mudaeus

From 800 P.M to Midnight are to light bruges from 1. Ex E + N.E. Bar ettaly. Bright moonlight - at 1945 set main and mignen lipment stagracts. Only course 5.6 16 under all topmast stagracts and plan sail to top get and all except spanker - lighter two stagners.

O.P. Faction .

John Thurst Karigator.

LOG of the UNITED STATES Ship Essex! Rate, Making passage from Slymouth to Sibraltar.

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			Clear Oths.	- See
Hour.	Knote.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the
A. M.														1			
1. M.	1	8		Sx6 %E	N.E	2			30.28	71	66	65	-67	b.c.w	ci-cu	.8	
2	1	8		"	,	2			30.26						,	9	ı
3	1	8		,	,	2			30.24					"	"	9	ı
4	1	4		"	,	1.2			30.24	70	67	66	67	,	, ,	9	ı
5	1	5		"	"	1.2			30,25	1	67	66	67	"	"	8	ı
6	1	5	200	. "	"	1.2			30.23		1	66	67	0"	2:1	2	ı
7	1	5		"	N,	1.2			30.23		67	67	67	F. C	alti- Cu	-2	
8	/	8		,,	1. A.C.	1.2			30.27	1	67	6/	67	"	"	8	
9	1	0		S.E.x S		1.2			30.29	70	69	60	6/	4	cir	2	
10	1	4				1.2			30.29	70	69	68	67	"	"	7	
11	2	5	50.2	"		3			30.31			67	67	"	"	6	
oon.	3	4	53,6		"	3			30.80	10	71	69	68	"	cer-en	6	

Course and distance	e made good since preceding noon b	y observations, SSE /2 &	26 knots.	tenths.		
	Latitude by D. R.		37 0 10'	" N		
	Longitude by D. R.		19 0 48.	" 21		
Position at Noon:	Latitude by observations of O		370 151	" N		
	Longitude by chronometer from F	orenoon Observations of O	19.68.	" 24		
	(Latitude by D. P.		370 16.	" N		
Position at 8 A. M.	Longitude by		100 07.	". 21		
	(Latitude by . DR		37009.	" N		
Position at 8 P. M.	Latitude by DR	hom P.M. obs. O	90 48.	" H.		
Current during the	time, _ knots # tenths p	er hour, setting to the A. 7/ x	<i>74.</i>			
	ass by Azimuth O observed at	, ship's head	. 0 /			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 1	variation used,	0	
Error of the Compa	ass by Azimuth O observed at	, ship's head	0 1	"		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 /	variation used,	0	•
Water expended du	ring the preceding 24 hours,		500	gallons.		
Water	during the preceding	g 24 hours,				
Water remaining or	n hand fit for use at Noon,		1800	"		
Coal consumed dur	ing the preceding 24 hours,		tons 8	00 lbs.		
Coal remaining on	hand at Noon,		115 " 72	20 "		

			-				
P. M.	1	0	545	SELS	NXE	1/2	30.29 70 70 67 68 b.c ci-s 7 S
2	1	4				//	30.29 70 72 68 68 " " 6 .
3	1	2		"	"	1	30.29 72 75 7/ 68 " " 8 "
4	1	4		"	A."24	1	30.29 72 74 7/ 69 " 8"
5	/	5		"	" 1	1.2	30.30 72 72 70 69 " " 6 "
6	/	0		"	North	2	30.8/72 70 69 69 " " 6 "
7	1	9		"	"	2	30.81 73 69 68 69 " " 6 "
8		8		,	"	2	30.31 73 68 67 69 " ei. 9 "
9		3		5.5.6/26	,	1.2	30.81 73 68 67 69 L none 10 .
	3			"	"	2.3	30.31 73 68 67 69 " " 10 "
11	2	3	56.8	"	"	2.3	30.3172 68 68 69 S. C Ju. in 7 "
Mid.	2	2	58.5	"		2	30.31 72 68 67 68 " ein 9 "

Commences and until 400 AM course Sty 6 % E sunder all planar sail to toppallant sails except spanker, and fore main and miggen topmalt staysails. From 400 AM to 800 AM Clear and pleasant-Light airs to light bruge from N.E to N. Baronder sleady then rising. Smooth sea. Steering a course S. E 9/6 under same paid and pucking watch. At 500 set royals + flying jit at 640 haules down fall slagrade + flying fit and haules up weather elem of mainsail. At 800 set springer lignant stagsail J. N. Jordan. deluter ant, Eld. A. From 80 AM to Meridian.

Course to S.E. by S. + act flying jet, man to gente breeze from N.N.E-M82 changed course to S.E. by S. + act flying jet, man topinant stayeard and apanker. My 930 mustres fat guardire and exercised Devisions and Gallower-Powder single stakes - 144 Great Guns - 200 Great Guns + cignate. 300 Johnstry. Seamanship such a 144 Great Guns - 200 great Guns + cignate. 300 greating 200.2.

M. Ageline Delike dientinant USIV. Mende an to 40 9. M.

Clear and warm hight airs from Northward of Cashward shifting to 1. In I had how - My 12 book in shanker and at 32 man and migger lety sail after so follow. For mainsait - Stirring to grave SE by S. - Exercise 32 Beigger as Jollow. For Nort was followed at match. Signal - Exercise 4. Lens de followed for watch our of the Son for have and steering - 2 Price for Line son watch - Surger Dir. And - Exercise to the watches of apprentice at setting up. Sey order of Condig. Their released I tarding on C. a. Encelot (Who 30) Troop confirment and confirment on the said and water its former for I have dain in solitary confirment on their and water its former for I have dain in solitary confirment on the said and water its former for I have dain in solitary confirment on the said and water for I have dain a Betty officer. By own of Condig. There was related or water standard and from Landsman.

Son May aims Meridian to 400 J. M. From Hos P.M. to 800 P.M.

Sair and pleasant - higher sire to light bruger from S. H. to S. Dar. strady. Encrused pull hands at shortening bail, making each and rufning topsails to course - Ut 32 hands down flying jit. Dat 52 set starboard clear of manibail - On course S. E.S. under all plain ball to royale except flying jit, spanker & port clear of mainsail. From 80° IM to Midgight.

Our and cool tright mornlight dight airs to light breeze from North Bar I settady.

Of 8'2 Examined and town to be correctly to the Same sail has preceding watch. I arrive in part log for 1/32 reading 57.5. John W Thwart - Navigator

LOG of the United States Ship Essex. Sibraltar. 3rd Rate,

					WIND.				BAROMI	ETER.	TEME	PERAT	TURE.			lear he.	Sea.
Hour.	Knots.	Touthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Alr, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 100	State of the
A. M.	2			55646	N.6 x 6	1.2			30.30	71	67	66	69	h.c	kr. cu	9	8
2	2	5				2								b.am	1 "	9	
3	3	2	59.4		,	2.3			30.27	71	67	66	69	"	"	9	
4	3	2	620		6. N.E	2.3			30.27	70	67	66	69	.,,	4	9	
5	1	5	62.6			1.2			30.27	71	67	66	69	b. c.w	-	8	
6	1	0				1			30.27	71	67	66	69	,"		8	
7	1	0				1			30.27	71	67	66	69	6.0	fire an	8	
8			No o	turage way	calm	-0			30.27	71	70	69	69	,,	0	8	
9	0	8		15.5E 1/2E	N. N. E	0.1			30.29	71	70	68	69	"	ei-au	7	
10	0	3		S6 3/4 E		1			30.29	71	70	68	69	"		7	
11	0	2				1			30.29	7/	74	20	69	"	pi - ou	7	-
oon.	1	4				1			30.28	171	75	71	69	,	er san	1	
																	1

		C & 3/. C			
Course and distance	e made good since preceding noon by observations,	0.6./80	35 knots.	tenths.	
	(Latitude by D. R.		36 0 50'	" N	
	Longitude by D. R.		9 0 23 1	" 2/	
Position at Noon:	Latitude by observations of Θ		36 0 521	" N	
	Longitude by chronometer from Forenoon Observ	ations of O	9 0 30 1	" 27	
	(Latitude by A.7C	7:	36 0 521	" N	
Position at 8 A. M.	Longitude by Sac. 0		9034,	" 2/	
	(Latitude by AME		36046	" 4	
Position at 8 P. M.	Longitude by DR Com J.M.	obs. o	90091	" H.	
Current during the	time, - knots 2, 6 tenths per hour, setting	to the 21. 20° A			
Error of the Comp	ass by Azimuth ⊙ observed at , ship's hea		0 ,		
Deviation of the C	ompass by Azimuth ⊕ observed at , ship's	head	0 ,	variation used, o	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's hea	d	0 /	" .	
Deviation of the C	ompass by Azimuth ⊖ observed at , ship's	head	0 '	variation used, °	
Water expended du	aring the preceding 24 hours,		500 8	rallons.	
Water	during the preceding 24 hours,				
Water remaining o	n hand fit for use at Noon,		1300		
Coal consumed dur	ing the preceding 24 hours,		_ tons _	lbs.	
,Coal remaining on	hand at Noon,		115 - 720		

P. M.								1								
	1	7		S. E 3/4 E	1.6 x1	V.2		30.25	71	7/	69	69	b.c	ci-str	8	5
2	1	6			V.E	2		30.25	71	71	69	69	4	4	7	11
3	2	8		"	4	2		30.28	7/	10	68	69	"	cis	7	4
4	2	0		"		1.2		30.22	70	70	67	69	. "	4	7	4
5	2	5	62.6	"	1.6 x1	2	3/4	30.22	70	70	66	68	4	ci-str	7	4
6	2	5	65.1		N.N.8	2	1/2	30.22	70	68	66	68	4		7	44
			66.8		"	2		30.22	72	66	66	69	"	4	6	4
8	2	0	67.8		4	2		30.22	72	60	65	69		4	6	4
			-	*		2		30.22	72	65	64	69	b. e.m	eisen	1	4
10	2	2	-	*	"	2		30.22	72	65	64	69	,,		1	
11	1	4		4	"	1.2		30.20	71	65	64	69	"	4	1	4
Mid.	1	2		S.S.E	ExS	12		30.18	7/	60	64	69	4	4	4	*

Commences and until 400 A.M. Clear and pleasant - Light airs to gentle bruge from N. Ex & to S. A. E. Baromelet falling - emouth sea - Staring a course S. S. & /2 E. sinder equare sail to royale. except weights clear of marieal of pt. apr 1. at 12 2 set weather clear of marieal . At 130 set all fore and all eaceful fore between sure and main trysale. At 245 set fore between and main trysale. at 245 set fore between and main trysale. set fore lopmast stageail. J. S. Jordan, U.S.N. From 400 AM to 800 AM Clear - Light airs from E. N. 5 4 calm. at 435 hanles in pat log reading 62.6 at 740 harler up mainsail & harler down all fore and aft sail except pt. Executed morning orders - at 5 3 rights high land / pt. Siv. port beam & later made land all along port hearn. Linkingert. U.S. A. From 800 AM to Meridian. From 8 " 59M to Meridian ... Sar. strady. Of 9" changed course to S. E. 1/6. Oh 9" musting at hearter and immediate affirmate experient are hande at sout drive. Inspective bage of Aprillian Identing 200 people. At my under Jose topmant staysail and Prisin Sail to royale except spanker. Sighter a steamer to Eastwaker. A legisle schooner in sight to Figure 172.

The Melanus Meridian to 400 g.M. Sight airs to light bruge from N.E + N. + N.E. Bar. Julling. At 200 set made and migged beforedet clayraite - On course SE 3/6. Indeed all plain pail to royale (vaccht op anker) and all loguege clayraite. From 400 P.M. 6- 800 P.M. Clear and cool. Senite bueze from N. E by N. to A.N.E. Barometer steady. Oh 5th St spanker - Naule in past log set 800 at ent of watch. Cape st. Vincent light bore N. E by St. True J. Illing. From 800 P.M. to Midnight.

Bar. Jalling - Steering a stolere S6.346 until 1132 when wind headed white Minister you wind me aded white Minister hight for change of sail. Cape It. Wincelet hight fin right on post side all the watch. Clouds coming over from about It. N. It. hierant USN.

Examined and found to be correct.

John Wytewar Kavigasor.

LOG of the UNITED STATES Ship Esser Gibralton

		1		0,	WIND.	4			BAROME	TER.	TEM	PERA	TURE.			18	100
Hour.	Reading of COURSES STEERED by Standard Compass.		Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols,	Prop. of Cle Sky, in 10th	State of the 8		
A. M.	1,	0		5.5.27	S.E. * S S S.E	1		3/4	30.18	7/			69	b.c	eu	2	S
3 4	2	0 3		0.77	",	1.2		3/4	30.15	7/	68	67	69	o.e	" "	0	" "
5	10	5	62.8	SH. H	"	2.3		1/2 1/2	30.15	72	70	70	69	o.c.d	eum nim	00	"
8 9	1	1/1		SM 1/2 St South SE 3/4 E	6 x N 1. 6 x J.	1.2			30.17 30.18 30.20	73	72 72		69	b.c.d	ci'-cu	3 4	" "
10	1 2	70		SE . 6 1/4 E S. C. x S	1.6x6 6. N. E	1.2		1	30.20	71	70	70	7'2	"	"	4	"
Noon.	1	0		5.8	"	1		11/2	30.2/	72	72	71	69	"	"	5	"

Course and distance	e made good since preceding noon by observations, S.E. $\frac{3}{4}$ E	30 knots. tenths.
	(Latitude by D. R.	36 0 18" " A
	Longitude by D. R.	9 0 07 " 21
Position at Noon:	Latitude by observations of ②	36028" " 1
	Longitude by chronometer from Forenoon Observations of ©	90091 " 24
	(Latitude by DR,	36 · 31 " N
Position at 8 A. M.	Longitude by Obs. 0	90/21 " 24
		360 211 " N
Position at 8 P. M.	Latitude by DR John P. M. As. O	9005, " 24.
Current during the	time, _ knots - tenths per hour, setting to the	
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o variation used,
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 = 1 11
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o variation used,
Water expended du	ring the preceding 24 hours,	500 gallons.
Water	during the preceding 24 hours,	"
Water remaining or	n hand fit for use at Noon,	800 "
Coal consumed dur	ing the preceding 24 hours,	tons //20 lbs.
Coal remaining on	hand at Noon,	114 " 1840"

			7								-		The second second		
. М.	1	4		S.S.E 1/2E	6. J. E	1/2	1/2 30,2	179	72	7/	69	be	ci-cu	5	3
1 2	1	8	-	5.5.E	6.01,0	2	1/2 30.1							5	
3	2	0	-	South	6.5.€	2	1/2 30.1	9 73	74	72	69	"	"	6	
4	3	0	68.8	Sx7 1/2 24	SEXE	3	1/2 30.2	0 73	74	72	69	"	ci-s	7	B
5	5	0	73.8	SHXS	S.C.	4	1: 30.2						"	7	
6	30	94	77.7	E.N.E	"	4	11/2 30.2	173	73	171	69	4		6	
7	4	6	82.7	"	S.E.S.	4	/ 30.2	3 73	72	21	69			9	
8,	4	0	86.7	N. 6. 1/2 E	S. E.E.	4	/ 30.2					4	4	1	P
8/30	1	5	90.0	5 3/4 34	68€	3.4	1/4 30.2	4 73	11/	70	69	-11	. 4	1	
10	2	9	92.9		6.5.€	3	11/4 30.2					4	4	7	ı
11	2	8	95.7	S x 2 0/424	SEXE	. 3	11/4 30.2					"	"	6	
Mid.	2	3	98.0	Sx 21/124	SEXE	3	11/4 30.2	3 73	70	70	70	1.		8	II.

Commencer and until 400 Am by under ple sail except main by each of watch Cape St. Vincent bright bearing about It. 6 x 6 (fle). From 4 or Am. 6- 800 AM

From 4th 58 AM. 6 8 AM.

Overeast to cloudy - Genete breeze to light airs from SS. E chifting to
6 by I last hour. I Drigling. By the wiew on post tach which are
spel except main tryadel. Ask sight of Cape It. Vincent light first
hour - Barometer breeing slowly. In leg out from 42 650. T. William.

Fair and pleasant hight airs to light bruges Jum 18 + Et Dar, ottady. At 930 mustered at Quarters. Exercised Division as Jollows. 12th Derivat 1/22 Infantion + Jun Instituction, 200 Baltony - 300 Marton thatch - Signals - book which I Junney construction - Powder Seamanach, of Junnery Instituction. Nearly Derivat Spaperstill and area beading. At J. Changes coulse to 6 6 x 6 1x 8. Sterring by the wind on post lack last two hours. Mr sturage way at times. From 800 A.M. to Meridian

Meridian to 400 J.M. Meridian to 4- J. M. Jair and pleasant-hight airs to gent breeze from EN. 8 to S. Ex. E. Bar steady. At 130 armid and equipped all befalo for centing jut. Exercise forcesting man after guard of whalk on dech at signaly for and man termin at knotting replicing-Exercise book walkers of Dependence at setting we drill By order of Company Mes Japanston of John (2.30) by M. E. Stan (2.80) Lapinston of Jones of Meson (2.30) by Million (2.30) aprinting of the sound of walter for sound of Japanston for grant of Dependence of Side of States (2.30) in solitary confinement for one day on Both for striking another Apprentice Defiller.

For How P.M. to 800 P.M Clear and pleasant. Moderate breeze from SENS to SENE Baromete rising Smooth sea high crue clouds coming over from Not - Sterzing by the wind on post Itack under age pail except man Trypail until 500 which have ship and stord on close hauled on Altit tach taking in man & muggen topinast staypaith. At 5th excessed at refing topicals & courses & furling, lovering light sails, At 6th look in & Jurier royals and flying fit.

From 800 9 M to Midnight.

Clear and danch - Sente breeze from 6.50 to 50. At 800 were ship and at 800 on port Lack heading 5 % 6. At 900 set main & miggen topmast bezyzaila. Darometer most le

Mothulene US.N. John W Thwast Navigator.

Ship Essex. Making passage from Plymouth to Gibaltar.

Height In Ther. Balb. Air Water at Surface at Surface at Surface. COURSES STEERED by Standard Compass. / 30,24, 73, 70, 69, 70 / 30,23, 73, 70, 69, 70 / 30,22, 73, 70, 69, 70 / 30,25, 73, 71, 70, 70 2 30,25, 73, 71, 70, 70 2 30,25, 73, 71, 70, 70 2 30,26, 71, 71, 70, 70 2 30,26, 71, 71, 70, 70 A. M. b.c.w 5 3/4 H 5 1/2 H South 5 x H 5 5 H 98.2 6. S.E ei-cu 2 S 1018180132040 2 4 4 4 3 3 3 4 4 2 2 2 6.5 2 6.5.E SExE 2/2 1.2 5 1/2 E S x E 3/4 E S x E S x E S 1/4 E East Ex St. 12 2 11/2 30.27 71 72 71 70 11/2 30.27 72 72 71 70 11/2 30.27 72 72 71 70 98.2 3 506 1.3 4.3 2:3 11/2 30.27 72 72 70 70 2.3

	51/86	2 (-			
Course and distance made good since preceding noon by observations,	0/86	35 knots.	tenths.		
(Latitude by D. R.		35 0 471	" N		
Longitude by D. R.		9 . 09.			
Position at Noon: Latitude by observations of O		350031	" N		
Longitude by chronometer from Forenoon Observ	entions of O	9.07.	" %		
(Vatitude by A.R.	vacious of O	36 000 ,	" N		
Position at 8 A. M. Longitude by		9010.	" of		
(Latitude by		36 000,			
Position at 8 P. M. Longitude by		9.03.	" 8		
Current during the time, - knots - tenths per hour, setting	to the				
Error of the Compass by Azimuth ⊙ observed at , ship's hea	ıd				
Deviation of the Compass by Azimuth O observed at , ship's	s head	0 1	variation used,	. 0	
Error of the Compass by Azimuth @ observed at , ship's hea	ad	0 1	"		
Deviation of the Compass by Azimuth O observed at , ship's	head	. 0 /	variation used,	'0	
Water expended during the preceding 24 hours,		450	gallons.		
Water during the preceding 24 hours,					
Water remaining on hand fit for use at Noon,		350	"		
Coal consumed during the preceding 24 hours,		tons 2006	1bs.		
Coal remaining on hand at Noon,		1/3 " 208	<i>j</i> "		

P. M.	,	,	8.2 8.3	S.S.X N.E.X.Ar	E.S.E	1/2	2	30.25	72	72	70	71	f.c	en-ci ils	2	5
2 /	1	5		"	",	1.2	2	30.25	72	73	70	74	"	"	3	
3 /	1.	5		.N. N. 8 1/2 E	6x5	1.	2	30.25	72	73	70	7/		"	4	
4	1	8		"	4	1	2	30.25	71	72	70	71	,,	"	3	"
5 /	1	8			"	1	2	30.26	72	72	70	71	,	"	3	
6	1	0		,	,,	1	2	30.28	73	71	70	7/	- "	aign	2	"
7	0	3		Ex S	ST	0.1		30.29	74	71	70	7/		ci-cu	2	
8	0	5		"	N. N. H	0.1		30.30			70	71	"		2	4
9	1	0			North	12		30.31	75-	72	7/	70		alto- cu	-3	"
10	1	8	8.4		16.71.E	2		30.31	75-	72	71	70	"		2	"
11	2	5	10.1		4	2,3		30.29	74	76	7/	70	"		3	"
Mid.	2	7	12.8	,	"	23		30.19	74	71	70	70			3	11

Commences and until 400 AM. Jain and pleasant. Light bruze from 6 S. E & 6 by S. By the wind on port lack making course South to by H. No change in bail during watch. Hauled I'm pat log at 12 reading 98.2 Gto. W. Williams

From 4 = A. M. lo 8 = AM.

Pleasant - dight airs to light bruge from S. E. E to Ex N. Barometer rising. By the wind on port lack - The change in sail.

OP Lacker.

Ensign

Ensign Tron 80 AM to Meridian. Clark & S. - Bar stody. Ut 5 - set royale flying git and main trysail - trok in maintail - Stark fine fine under boiled C for distributy. My glose of mustive of guartie ofte which went to Tennal Quarter. Deviain reported as Judious. After Doward Is see - 3t 1-38 2 2 1-45. Former Inder 1-45 - 18t 1-50. After securing went to Tire Luarder devicione reporter as Judious. After Jour. 1-50. 2-4 1-15.32 15-25. Former Jour 2-25-12-15. 32 15-25. Former Jour 2-25-12-12-13-25. Exercise Appropriate of Powder Direction, both watch, at signale during second Period. Steering by the wind on post tack under all call to popular leavest manual.

Meridian to 400 PM

lear and pleasant- Light aire to light breeze from 6.5.0 to 6.5. Bar stady.

Stering by the writer on part tack until 12 to but never chip and stondon close haulest for stid tack. No hange of pail Exercises Fore too appreciate at carpallo - Forecast Them with tack. No hange of pail Exercises Fore too appreciate at 12 to handle or hange of pail of the log. Started distilling at 12 to hope continued to the log of the shiples at 12 to hope and leave the standard of the forestience of the standard of the From 400 9.M. to 800 9.M.

cloudy light aim from 6 x S to N. N. N. + calm. By the wind on still tack until 1 when came to source 6 x S with barely stierage way. Ot 5 to secretary refing topicals & then making sail. Of 62 haulest down man miggen topicals stagsails and brailed July main trysail. On 62 brailed up splanker and at 7 to Jest it again. Distilling.

Motherbure Mo. Hulian M. W.S. V

From 800 P. M. to Midnight.

Grown & P. M. to Midnight.

Groundy and pledoant. Sight aire to gentle breeze from North to N. M. E.

Smooth sed. Bar failing thin sciency. It I 30 set main & more topmast stay.

sail. At 900 set brighail - Sterring course & S. At end under fall sail except mainsail - Pickelifg. At 10 " flat over patint by reading 8:4

But Triciane

Emign

John Thursh hint - Navigator.

LOG of the UNITED STATES Ship Essex Plymouth, Eng to Tibrallar.

T		1			WIND.				BAROME	ETER.	TEM	PERAT	URE.			lear hs.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the
A. M.	2	4	15.2	ExS	A. A.E	2.3		1/2	30.28	74	70	69	70	b.c	ei als. en	2	S
. 9	2	8	18.0		"	2.3		1/2	30.29	73	76	68	70	"	"	4	
3	2	5	20.5	,	"	2.3		1/2	30.17	73	70	68	70	"	"	3	
4	1	0			"	1.0			30.27	73	70	69	70	4	1	3	. 4
5	0	0			A.C	0.1			30.27	73	70	69	70	"	"	2	"
6	0	0		,	calm	0			30.27	73	70	69	20	"	"	2	"
7	0	4		East	"	0			30,27	73	70	69	70		.11	3	"
8	0	0		N. 1.	16.E.	0.1			30.29	73	72	71	70	"	Er. en	3	"
9	0	1		Trust	North	0.1			30.32	74	73	72	70	,	0	3	
	0	3		SXE	6. N. E	0.1			30.34	74	24	73	70		a-gr.	2	
10	1	0		Exs	S.N.S	1			30.35	14	74	72	71	"	1	2	-
Noon.	0	5		",	Hest	0.1			30.33	14	75	73	21	",	"	2	-
2.0011.																	

/7 knots. Course and distance made good since preceding noon by observations, 350 5% (Latitude by D. R. 8 0 441 Longitude by D. R. Position at Noon: 36 0 00 , Latitude by observations of O 8 0 48, 350 18, 8.50, 350 54, NR from P.M. obs. o 80 36, Longitude by Current during the time, - knots - tenths per hour, setting to the Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth @ observed at , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head o ' variation used, 500 gallons. Water expended during the preceding 24 hours, 1200 Water distilled during the preceding 24 hours, 1000 Water remaining on hand fit for use at Noon, 1040 Jibs Coal consumed during the preceding 24 hours, 111 " 1020 " Coal remaining on hand at Noon,

P. M.	./	Y .	eletrag	way S.S.M.	Variable	10		30.29	74	76	73	71	f.c	en-ci Sh-	2	5
,		6	1		N. ExE	1	2	30.29	73	74	72	71			3	
1		6		SE .S	"	1		30.29						4	5	4
4		5		58126	Ext.	1	2	30.29	73	74	72	7/		,	4	"
5	1	5		S.E	East	1	1	30.29	73	73	71	7/	"		4	11
6	1	0		S 1/4 24	6 x S	1	1	30.30	73	72	21	71		"	4	4
7	-	8		"	€. 5. €	1	1	30.30	74	71	70	71	4	"	4	"
8		6		S. 7.	"	1	1	30.31	75	71.	70	71	04	"	2	
9	1	0		Sx71/271	ExN	1	11/2	30.32	75	21	70	7/	b.c.w	4	5	4
10	1	0		S.S.E		1	1/2	30.34	75	70	70	7/	",	-	5	"
11	1	0	20.6	63/45	North	1		30.34	75	70	69	7/	4	"	5	
Mid.	6	0	26.6	"	N.E	2		30.34	75	70	69	7/	"	"	6	"
														10		

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 AM. On course 6/25 under all sail except mainsail. at 32 haules in patent log reading 21.5 Distilling.

From 400 A.M. to 80 Am braced yards around. At end of watch close hands on starboard tack lyder same sail as preyiour batch. Distilling. Execution morning orders. Distilling.

From 800 AM to Meridian.

The said from all around the compane. Bar, riging then falling slowly - Smooth sla. Howe ship from state tack to post tack then braced yearst around and brought ship to her contract 5.05. At 850 book in main and bruingen to prince playsails. At 115 hander down and repaired git working it at 1115. At 120 braces up main trypail of spanker elvo betamen in sight standing to the 140.

S. S. Jordan. USN.

Meridian to How I. M. Country for Alis from None to Est, and calma. Of 100 get may topunant star-acil marsh tripaled replanters, then by the write on pool tack, having clarify why only. By order of Country, Mint of None configurations only. Styring army army configuration of the top the configuration of the start of the configuration of the series of series on peakly was placed in colitary configuration for one day on bread or water. Aprend and wrater for two days. Mune continued disregard of in-solution at doubt blee 6.8 M. Serty (3.8.29) the days in doubte sions, There telephong an appreciate. S. H. bouton (2.3.0) at the chart (4.3.0) this days doubte stone, There, calledge mother appreciate, only many. apprentite vile names. - Distilling.

Mothuline dientinant NS. N. From 4 or J.M 6 800 J.M

Course between Soft & Soft M. Of 72 hands down minen townson part tack making fore lopenest stayail. The super law and stopmast stayail. There is plan sail to ropale except mainsail. Thatis fire in Boles R. B. at 72 Debtiling:

From 800 P. M to Midnight Steering by the wind on post tack under same bail as in previous watch worth 10 4 when look you land sight breeze from 6 × 11 to 1/1.6. Bar rising Eright mornlight Steering by the wind on post tack under same pail at 10 12 commenced returning with viler to be find and further flying git and all aquar sail. At 10 2 commenced returning with viler the for our potent log reading 30 2 M end on abure 6 1/2 Sometre steam in viley the Can pit, for logmost blaysail main trysail + aparter are steam 45.

Ar Manimod and institlling.

John Stewart & Navigator.

LOG of the UNITED STATES Ship Essex.
Making passage from Plymouth Eng to Tituallar.

			1		WIND.				BAROMI				TURE.	State of		lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the
A. M.	6	4	33.0	6 3/4 5	6. N. G	2			36.3/					l.c	Jr. cu	4	5
9	4	9	37.9	"	East	2			30.3/					"	"	3	
3	1-	6	435	,,	6.5.6	2			30.31	73	70	69	7/	"	4	5	"
4	1-	7	492		6xS	1.2			30.3/	73	70	69	7/	"	"	5	
5	5	6	- 1		" East	2			30.32	73	20	69	71	"	1	5	
6	.1-	0	19.8	*	6 x S	2			30.33	73	71	70	7/	"	girus en	4	
7	4	5	64.3	"	"	2			30.33	73	21	70	71	"	0 "	4	**
8	4	.1-	68.8	"	SEXE	3			30.35	72	73	71	71	,	"	4	
	23	0	70.8	E . "S	6.56	3			30.35	72	73	71	71	"	"	4	
9	4	8	78.8	"	,	3			30.36	72	73	71	70	" .	"	4	
-	4	2	83.0	"		3			30.86	73	73	71	70	"	"	4	"
	11	3	873		,	3			30.86	73	73	7/	70	"	"	4	4
Noon.	4	-	"		"												100

	Course and distance	e made good since preceding noo	n by observations, & 1/45	70 knots.	tenths.		
2		(Latitude by D. R.		350 551			
		Longitude by D. R.		7025,	" 24		
	Position at Noon:	Latitude by observations of O		350 56,	" V		
		Longitude by chronometer from	Forenoon Observations of O	7.12,	" #		
		(Latitude by		350551	" N		
	Position at 8 A. M.	Longitude by		7048,	" #		
		(Latitude by	/	350 56.			
	Position at 8 P. M.	Longitude by	from P.M. obs o	60 39,	" H.		
	Current during the	time, - knots - tenth	s per hour, setting to the				
	Error of the Compa	ass by Azimuth O observed at	, ship's head	0 '			
	Deviation of the Co	ompass by Azimuth O observed a	at , ship's head	0 /	variation used,	0	-
	Error of the Compa	ass by Azimuth O observed at	, ship's head	0. ("		
		ompass by Azimuth O observed a	t , ship's head	0 ,	variation used,	0	
		aring the preceding 24 hours,		500	gallons.		
	Water disti		ling 24 hours,	500	"		
		n hand fit for use at Noon,		1000	"		
		ing the preceding 24 hours,		8 tons /6	0 lbs.		
	Coal remaining on			103 " 86	60 "		

P. M.												1			
1	4	2	91.5	6 x S	6. S.E	3	30.34	74	73	72	70	v.c	ei-cu	4	0
2	4	8	96.3	"	"	8	30.34	74	73	72	70	" .	4	5	4
3	4	4	0.7			4	30.34	74	72	71	70	.,,	"	4	
1	4	3	5.0	"	4	4	20.83	74	72	71	70	"	"	3	"
5	4	3	9.3	"	"	4	30.35				70	4	ei-en	2	"
6	4	3	13.6	4	"	4	30.35	73	71	70	70	4	4	/	"
7	3	9	17.5		"	5	30.35	74	2/	70	20	"	"	2	4
8	3	7	21.2	"	4	5	30.37	74	71	70	70	. ,	**	1	7
9	3	5	24.7		"	5					70		4	1	4
10	3	4	28.1		"	5	30.37		69		69	"		1	4
11	3	0	3/./	"	"	6		73	69		69	o.c	alti. cu	0	m
Mid.	3	2		"	"	2		72	69	68	69	"	"	0	"
Janu.				"		/	1	3	1						

under the command of Commander & J. Strong.

Sunday Oct. 10 th.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencer and unlet 4th AM.

Cloudy and ple crant Bright mornlight bright breeze Jum & It & & & Sar start AV 12 to took in main tryo act, openher, ple and fore I wife mark playpach. On course & & Sunder petam. Distilling, Av. Nev. 32. - Av. stam 45.

Trom 4th Am & 8on AM.

Clear, and plegrant dight to genet breeze from & to S. C. C. Barometer reining then strady.

Smooth sea. Steering to codere & 94 S. under stram about. Av. stam 45. Av.

Per. 335:

Thom & AM to Meridian.

Sair Genet & S. E. beers. At & day changed course to & 5. S. Pap long reading 101. At 930 arriver for the Government of the Meridian marches aft to general muster. Please arriving for the Government of the Many and the marches aft to general muster. Please arriving for the Government of the Many and the musters the several must be held Suine Service on gun deck. Under stam about. Av. steam pressure 45 Mr. New 33.

Metalian to 4th D. M.

Jair and plearant. Senit to moderate breeze from 6 S. C. Darometer steady. Stamming on

Meridian to 4" P.M. Facts to moderate breeze from 6.5 E. Barometa stady. Itaming on course 6 by S. Av. stam 45. Av. rev. 35. Substitution sailing vessels standing to Not and a stame standing to 62. By order of County Officer released H.A. Krappatoch (a.3.c) from confinement law confined J.A. Clark (a.3.c) for one day on bread + water in solitary confinement for giving a presoner totaces.

Lea M. Helicane

From 40 P.M. to 800 P.M. Clouds to stiff breeze from ESE. Dar rising. Bent book bower chains and got anchore of the tow. Unknot main' missen topmash staysails. Sent down top gallant & royal yards & lopgallant marte. Stalming with boilish HARC on course 6. D. Ar. statu 45 ar. reb. 34.

From 8° PM to Midnight English breeze from E.S.E. Baronets stray. On course 66 by S. under stram. Pat. stram 145. av. rev. 34.

Eneign

Examined and found to be correct.

Johnh Thewest River & Navigator.

LOG of the UNITED STATES Ship Essex.

Making passage from Elymonth Eng. to Tibrallar.

					V V	of the latest			- Mileston	_		-	-				Sec. of
		1	Darding		WIND.		-		BAROME	TER.	TEM	PERAT	TURE.	State of		Bear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles 8ky, in 10ths	State of the Se
A. M.	3	8	38.1	6 x 5	6.S.E	6			30.36	73	69		69	o.c	cu	0	m
2	6	8	39.6	SEXE	4	6			30.35		-	-/		-	"	0	
3	4	7	46.3		"	6.7			30.34	69	67	67	69	o.e.d	"	0	
4	4	8	51.1			6.8			30.33	69	68	68	69	"	"	0	
5	2	9	54.0	7	6×5	6.8			30.33	68	68	68	69	o.c.g.d	eum nim slt	0	-
6	2	7	17.7		"	6.7			30.34	69	67	67	69	"	set	0	
7	2	4	59.1	6x5	,	6.7			30.35	70	68	67	69	"	"	0	
	2	7	61.8			6			30.35	70	69	68	67	o.cm	,,	0	
8/45	3	1/9	64.9	SELE"/2E		6			30.37	70	67	67	67	. "	"	0	1.
	4	.5-	70.3	ESE1/28	East	6			30.37	69	67	67	67	"	"	0	
10/1	1,	5	71.8	6.58/28	"	6			30 35	70	67	67	67	"	"	0	
11/5	+	6	75.9	. 6 x S	6xS	5			30,34						"	0	1
Noon.	5	7	82.4	. 0 . 3								1	1				*

Course and distance made good since preceding noon by observations,	79 knots. tenths.
(Latitude by D. R.	35 ° 43' " N
Longitude by D. R.	5.31 " W
Position at Noon: Latitude by observations of braningo	35 0 57 " N
I amitude by absorption from Roseroon Observations of O	bringe 5 044, " W
(Latitude by braining Cake Spartel + Los	eg. 1 36 001 " N
Position at 8 A.M. Latitude by braining Cafe Spartel + Longitude by Obs 0	6 001 " W
	0 , 11
Position at 8 P. M. Latitude by	0 , 11
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth © observed at , ship's head	0 (
	o variation used, o
	0 1 "
Direction of the company of resident	o ' variation used, o '
Deviation of the compact of resident	JOO gallons
Water expended during the preceding 24 hours,	ganons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	500 "
Coal consumed during the preceding 24 hours,	8 tons /760 lbs.
Coal remaining on hand at Noon,	94 " 1340 "

P. M.	6	5-	88.9	East	East	5-	30.34	70	68	67	66	v.c.m	Cu - min	0	m
1 2	6	0	94.9		Carr	5	30.34						"	0	
3	6	3	101.2	EN. E3/4E	"	4	30,35	70	67	66	64		"	0	40
4	232	1	3.3	6. N. E 3/4 E Sr. E 1/4 Sr.	E.A.E	3	30.36					o.c.m.d	"	0	8
5				6. A.C	"	2	30.35					"	"	0	
6				"		2	30.40	66	66	66			"	0	
7				"	,,	2	30.40	70	65	65		o.c.m	11	0	
8	1			,	1,	1	30.41					11	"	0	
9				East	4	2	30.41	71	65	65		o.c	. "	0	
10				S.E	. ,	2	30.40	71	69.	65		o, c.d	"	0	
11				SELS	4	1.2	30.40					0.0	cu	0	
Mid.				S. S.E	.,	1.2	30.35	69	65	65		"	"	0	

, U. S. Navy, , 18 97

Commences and until 400 AM Overeast and cloudy-light rain lacts part of walth. Fresh breez to moderate gate from E.S.E. Bar falling. Moderate see . Steering a course 6 5 under retain alone. At 12 by order of Counds. Thick changed course to 5 to 3 and at 12 to 5 6 x 5. At 122 sight cape chafely a light labout 14 points on first bose at 350 it bose At 5 to 16 (pc) ket July bof malt staypark, main trypail and apanher. elvo stamen passed. standing to the 1th. As stoom 45. As. 180 36.

Lientenant US. A.

Srom 400 AM 6- 800 AM Overcast, squally + occasionally driggling. Trush to very fresh bruze from Ex5. At 602 changed course to Ex5. Fat. log. Ut. 7 at 14 to haule blown for to present on account of lee helm + brailer up main regsail + spanker upon changing course at 62. At daylight made land at Cape Opartil one point on active them. av. Rev. 35. av. steam 45 lb.

Motherline US N. From 800 AM. to Meridian. Overcast and misty. Frish to stiff bruge from E.S & C at 8 th pat by 64.9 changed course to E. 5 / h. Other pat by 910 changed course to E. 5 / 6 th B. Wh / 10 pat by 16 th changed course to E.S. Al mon frat by 82 through course to Exty Standing in far the Strait of Gibraltary under steam. At nome Tarifa bight fore 16 /8 N. distant, Ut. stam present 50 lb. Ar New 40.

Meridian to 400 J.M. Overcast + cloudy with light driggle last hour. Silf to gent breeze from C-EAE. Dar, neing Standing through the Trails of Sibballer, and into Sibrallar Bay under elem (100 Changes course so follows 22 to 6.46 / 6.49 2) 3.7 to 15 6 / 6.10 2) 3 3 3 5 h Ale M. (p. l. 108.5) Sun up life grant made 22 to 6.46 / 6.6 / 6.40 3 1 to 15 6 / 6.10 3 3 3 5 h Ale M. (p. l. 108.5) Sun up life gratuat made and resolve to again up late grant made further of Combig. These believes from confinement and resolve to duty Shart & (2.30) Clark & (2.30) Sum to to 2.30 of Sant 10 (2.30) Clark & (2.30) Sum to to 2.30 of Sant 10 (2.30) Sun to the late of the sound of a sun to sun the sun to sun

From 400 J.M. li 800 J.M.

Oronast with anything vain frust half: chaning econd half. hight breeze to fight air from 6. N. E. Bar riving. It 42 River a salut of 21 July with the British flag at the main. It to take in pol log reading 100 0 5th came to write electronic anchor in 15 Jackma funding affection, 44 June chain. Precious to barding visit from really Price and of factions funding heat to take the property of the Reason of a such region of the surface of th

From P" J.M. to Midnight.

Cloudy with light farming showers, higher airs to ligher breeze from & to VE.S. Barometer falling xamined and withter for correct. J.M. Jordan. U.S. N.

LOG of the UNITED STATES Sup Essa Day

			Reading		WIND.				BAROMI	TER.	TEMI	PERAT	TURE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.																	
1				Sout	€ 1. €	2			30.07	67	64	64		o.c	Cu. min	0	
2				Nout	"	2			20.37	67	64	64			"	0	13
3				A. St.E.	"	2			30.35	66	64	64		o. c. m	,,	0	100
4				North	"	1			30.34	68	64	64		,,	"	0	
5				"	"	0.1			30.82					o, c. m. d.	"	0	
6				Nx E	"	0.1			30.32	67	64	64		0, c. m.	0"	0	
7				"	"	0.1			30.81	67	63	63		E. c. m	I sto	9	
8	7			u	"	0.1			30.32	67	63	63		1"	"0	3	
9				S.S.E.	East	0./			30.8/					b. c. m	a. fr.	2	
10				South	5.71	1			30.31					"	ei-s	4	
11				5.71	"	1			30.30	67	66	66		"	"	5	
Noon.				SAXS	South	1			30.30	67	67	67		"		5	

Course and distant	ce made good since preceding noon by observations, ENE.	3/4 £ 22 km	ots.	tenths.		
	(Latitude by D. R.		0 ,	"		
	Longitude by D. R.		0 /	"		
Position at Noon:	Latitude by observations of ②		0 1	"		
	Longitude by chronometer from Forenoon Observations of O		0 ,	"		
	(Latitude by		0 1	"		
Position at 8 A. M.	Longitude by		0 /	"		
	(Latitude by		0 /	"		
Position at 8 P. M.	Longitude by		0 /	"		
Current during the	e time, knots tenths per hour, setting to the					
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head		0 1			
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head		0 1	variation	used, o	
Error of the Comp	bass by Azimuth @ observed at, ship's head_		0. 1	"		
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head		0 /	variation	used, o	
Water expended di	uring the preceding 24 hours,		5-00	gallons.		
Water dista	during the preceding 24 hours,		900			
Water remaining o	on hand fit for use at Noon,		900	"		
Coal consumed dur	ring the preceding 24 hours,	/ to	ns /0	40 lbs.		
Coal remaining on	hand at Noon,	93	. 3	00 "		

M. 1	55.24	South	3	30.27 6	8 66	67	b.c.m	ci-Ja	5
2	N.E	N.E	1.0	30.25- 66				.,	6
3	N.N.E	6 x S	3	30.25 6	6 65	67	,	"	6
4	Nx 7	21. N. H	2	30,25-6			"	"	6
5	Axc	6. N.E	2	30.26 6			4	"	6
6	6. N.E	,	2	30.26 6				н	6
.7	N. N. C		1	30.26 7	4 64	64		"	2
8	V.E	N. N. H.	/	30.27 7			"		6
9	Swinging		/	30. 377	0 64	63	,		6
10	50210		/	30.27 7				,,	4
11	" 1	,,	1	30.28 7			,	"	3
fid.	South	"	/	30,26 68	F 63	63		4	2

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and until 4th Am. Overcast, Light & S. E. bruze. Distilling.

Minuman USA

From 40 AM. to 80 AM.

Drucast to cloudy, Calm to light air from G. N.E. Barometer steady, Executed morning orders. Soverell sail to a bunding st. Distilling.

Delling.

From 5 m AM to Meridian.

Pleasant and hazy with light fog. Calm and light airs from & to S. H.

Parometer facing slowly. Tent and Main to the US. Comments of the US. Comments aft which foot privailed who ship, on leaving from a salute of Jegum in his honor, U. S. Ensign at the face. Expensed in Ordnance Dept. Jaduting charges.

J. M. Jordan

J. M. Jordan Lientinant U.S. J.

Meridian to 400 J.M. Meridian to 42 JM.

Char and pleasant I write bruge to light arra variable in direction. At 12 in provinging to title toucher the strong of the English steamer Bainer Hawking mooner to fulk to 38. At 12 of the Country Miles left the ship and made friend reads to the Jeven of Gibrallets of the Denier Sand Jimes of Good of Jeven 6.8 Mc Jevel (B. M. 20) and I Traver (A. 30) were relieved. By order of forming the having water of and I for a for one day Mence having another persons clocking in possession. Received in Engis Dept. the following Aday Mence, having another persons clocking in possession. Received in Engis Dept. the following of the persons clocking in possession. Received in Engis Dept. the following of the persons clocking in possession. Received in Engis Dept. the following for these persons of the General Storekeeperstary. J. M. J. Williams.

Jou Steam engineering.

October 12 - 1897

Articles. Quantity. Bolt & Rut Iron " aset" 10 80 · · . /3.x3. 10 -15. 20 -

· · · / ×43. 10 . · " / x 45. 10 .

Rubber Manhole gasketo 184 . Hose 13 With couplings 30 ft. Down Wrench 15"

Brass reducers 1'1 1/4. 3

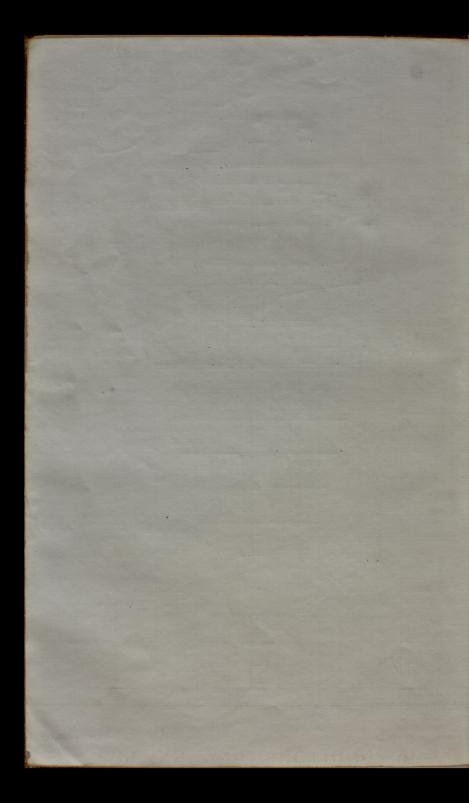
Copper riveto 1ºx 1/4. 5000 Brass plugo 1/4"

pira fign E.N.E horelm hard a from word hulk. J. M. Jordan dientinant. USN

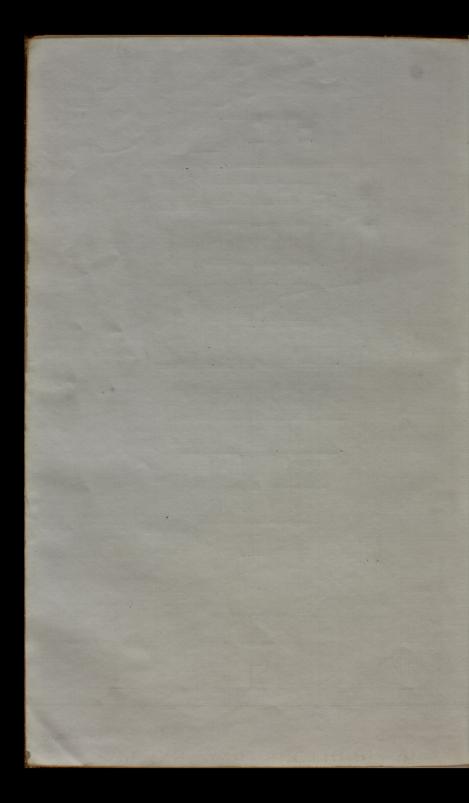
It. At 840 hailer e. Iwinging first

Muliae until Whit.

Stewart & Navigator.

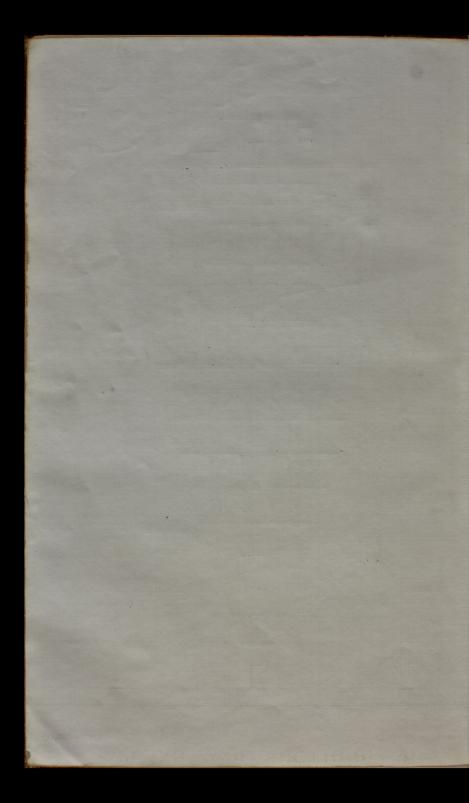


Commander & S. Strong Tuesday Oct. 12th under the command of , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Communer and until 4th AM. Overcast, Light & S. E. bruze. Distilling Millian USA 0.0 Bines pleigo der steady Executer " " " " " X X 1. " " Kopker sinch 1" X 14" DISELLER. Brass reducere 1'1 /4" 0, Deure. Munch 15" a Jeon 6 to S. H. The US. Conene of Jegens in his Jodenting charges. Baroly Hose 13 With complange aprile . Rubber Manhole zasketo ho 16 " · . . 1. x42. J. M. Jordan Lientenant U.S. K. 1,000 direction. at 145 Baines Hawkins By order of Coinda ment on bow. for one duantity. is Dept. the Jollowing Received in advance Department Motherhue Suntenant USA articles: 12 Galvanized iron hooks 1/2, 52 lbs homp rope of thead, I Spare article box 6 mrifle and spare girs from E.N.E li-celm hard a-from wal hulk. parts as follows: I barrel cover, I bolt, 1 step bolt, 2 bolt releasers, I but plate, I can lever and step pin, 3 extractes 7 extractor springs, 1 elevator arm, 5 elevator springs, follower, I follower kinge rivet, 4 firing pins, 2 firing pin collars, I firing pin lock, I fring pin lock spring, J. M. Jordan dientinant. NSN I front sight tip, I front sight pin, I lock pin, I lover band, It. at 849 hailer e. Iwinging first I lower band serews, 2 main springs, I receiver tang serew, I reas sight complete, I sear, I sear pin, 5 sear springs, Maline Whit. 2 sear fly I sling strap button, I sling strap securing hook, I sling strap snap swivel complete, I trigger, 2 trigger pins 1 trigger guard serew, 1 trigger serew, 1 upper band with stacking survel pin, 2 upper band sersus. Withwast dient O Navigator.

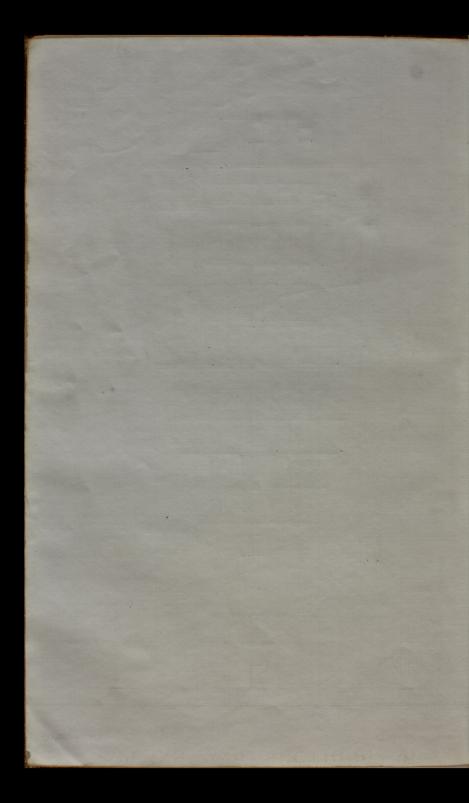


Commander & S. Strong Tuesday Oct. 12th under the command of , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4th Am. Overcast, Light & A.E. bruze. Distilling Mintenant USA ulin sleady Execution De Filler. of John Chi St. Consult of Jogens in his J. M. Jordan Lientinant U.S. J. direction. at 145 Baines Hawkins and made official.

By order of Cindy
on confinement tools
much on to you for one
ugus Math. who following Mother live Quenter ant Whit Received in Constinction Wifet. From 400 P.M. L 1 Grindstone Is girs Jun E.N.E ho helm hard a ay from eval hulk. A.S. H. Baron Starboard and h But deck tack 3 Back saws 1 Plip saw knines 2 Drawing knines 1 classif screw Lientinant. NS. N carpenters adje From 8 or PA 11 phips angue N. H. at 849 hailer wee. Swinging first Tap borer up spanker, hour of wale 6 Gimlets 36/2# Flat ihre Methodian USA. sole learner 100 Brass cup hooks 4 gal. Copal varnish 12 Pad locks. alit o Navigator.



Commander & J. Strong Tuesday Oct. 12 4 under the command of , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Communes and until 40 Am. Downast, Light & S. E. bruze. Distilling Milian USA uler sleady Executer DISELLER. a Joon 6 to S.M. The US Consul of Jegenn in his 1. Jaduting charges. 10 J. M. Jordan Luntinant U.S. J. direction. at 145 Baines Hawking and made Minal By order of Comdy in confinement term igis Dept. the Jollowing Mothalue Quinterant Whit From 400 9.M. 6- 80 Is give Jign E. N. E li-helm hard a-ay from eval hulk. M. J. H. Baronul Starboard and han But deck tackle Received in Equipment DEpt 5. Plater Candlesticks Lientinant. USN 1. Maniela touline 5"- 636# From 8 or PM 6 . Fair . How of watch. N. H. at 842 hailer wee. Swinging first 96 + Mire roke 21/2". M. C. Hulene . U.S. N. Examined and found to be correct. about a Navigator.



Commander & S. Strong Tuesday Oct. 12th under the command of

, U. S. Navy, , 18 97.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and until 4th Am.

Mintenant USA

uler sleady Executer DISELLER.

s Jeon 6 to 5 th. The US Consul of 7 genry in his t. 7 saluting charges.

J. M. Jordan Luntinant US J.

direction. at 145 Baines Hawkins and made Minal.
By order of County,
on confinement term
count on box. For one gis Dept. the Jollowing

Motheline

From 400 9.M. h 8 2 5.M.

M. M. M. Baronella Valiady John Prising. and Jos Jun F. M. E. h.

M. M. Baronella Valiady John Visionly. and Jos Jun Fredm hard aslapboard and hauler out Japanher to powing Ship away John eval hulk.

But deik tackle on chain ready for heavily in.

J. M. Jordan
Sieutenant. M.S.

Lientinant. USA From 800 PM to Midnight, Augh light aire from S. S. H. at 849 hailed up apanker, Hove in Settly chain to so. Juns. at have. Swinging first how of watch. Districting.

Metholine & W.S.K.

Examined and found to be correct.

frhulttewart dient o Navigator.

LOG of the United States At anchor in Tibrallar Bay.

					WIND.				BAROMI				JRE.			lear bs.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S
A. M.				8.71 x S	SE	2			30.24	68	63	63		o.c.w	en	0	
9				N. N. 24	6. N.E	2			30.22					"	4,	0	
3				North	"	2			30.21					. "	"	0	
4				"	,,	1.2			30.18					o.c.d	"	0	
5				N.N.E	6.25	2			30.16					0. e. m	mim.	0	
6				"	"	1.2			30.15					"	"	0	
7				"	"	2			30.17	1	1	-		1"	"	0	
8				4.	,,	2.3			30.17	67	60	65		b.c.m	"	3	
9				6. 8. 6.	6. N.E.	3			30.17	68	70	68		.,	4	1	
10				Sx6	East	4			30.17			67		"	.,	2	
11				"	"	4			30.17	69	68	67		"		1	
Noon.				S. 6 x 0	,,	3			30.16	68	68	67				2	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 /	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of O	. ,	u
	Longitude by chronometer from Forenoon Observations of ©	0 /	"
	(Latitude by	0 ,	11
Position at 8 A. M.	Longitude by	0 ,	"
	(Latitude by	0 ,	· ·
Position at 8 P. M.	Longitude by	0 /	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	. 0 /	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 ,	variation used, o.
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,	u .
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 ,	variation used, o
Water expended du	aring the preceding 24 hours,	500 8	gallons.
Water dis	during the preceding 24 hours,	1200	"
Water remaining o	n hand fit for use at Noon,	1600	"
Coal consumed dur	ing the preceding 24 hours,	/ tons //6	Olbs.
Coal remaining on	hand at Noon,	91 " 1380) "

. М.					1.
1	East	6.0.8.	3	30.14 70 71 69	F. C ci-cu 2
2	"	,	2.4	30.12 70 69 67	t.c.91 " 4
3	. 6. N.E		2	30.11 69 69 67	f.c " 6
4	N.6 . N		2	30.11 69 69 67	" 6
5	A.x H	5.24	0.1	30.11 69 69 68	" "
6	N/28	€. 1. €	1.0	30.10 69 67 66	" 7
7	1.6 /16	Gast.	1.0	30.12 70 66 66	" cy 7
8	East	1.8	1.2	30.12 70 66 66	" 2
9	S.ExE	8.N.E	3	30.12706766	" cu nim 2
10	5.6	,	3.4	30.11 70 67 69	" 4 /
11	"	East	4.5	30.11 69 67 67	0, c, m, g/ "
Mid.	4	"	45	30:08 69 67 67	f.c. 9 . 3

Commander & Strong Hednesday Och 13 under the command of , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commence and until 4th AM Might burges from S.E. chifting to E. M.E. dighter fries in A Soiler Lat 25. Sur altanen calne in and one went out the Mist. Tr. Melecus Enrigh Commences and until 400 AM From 40 Am & 500 AM Consign Cloudy with light from the grand alle fact of watch, high aris to quette been from ENE to Exs! Barometer rising the steply, Or 1/2 know July still anchor and chifler brick. At 1/21 cafine to write other anchor in 18 June. A water with site! anchor veering to 45 Jehun on altil chain. Bearing at lanchorage Ils mole 6/45. Pagglo Kaff ESE/1. Irue. Let fire distort in Boilh it. Starler distilling! J. J. Jardan Luntinant, US.A. From 8th Me Meridian.

Cloudy Sents to moderate bruge from & N.E. to the Cast. Prainting plus, It 10th mentales at quarkins and exercise devilien as Justown: Four Founder Jum Instruction of the Junder - Signale: " single clicks: 2th, magazine instruction: 3th, Sufranting, Received Mich Visite from Aide de- oams of the Jovernor of Gib rallar from the Senior Strick of five and from the Conde. If I. B. M.S. Poly phenous. At 11th et allain Guiser d'omfardia came to Mour port quarter. Sent an Ofice to make the wonal broarding visit to the Lombardia. - Distilling. Motherline Lientenant, U.S. St. Meridian to 400 9 M.

Pair and warm-dight breeze to guilt breeze from 6.5 E. Moderato equals second how. Tainling ship - Districting. By order of Gonag Officer released & M. Curty and 1.6. ha Chand Cappe 3C) from confluences I am confined & Since of No plants of pair Earth, sentenced to one day saletary confinement on tread of water the former too having another terror clother in his procession and the latter for languagement of orders. On Officer from the Tombardia returned the training visits, The hombardia shifts her beret. The Joshigune Cruiser "Adamastin" came I man and anchored to the Fix of the ship. Sint an Officer to make the evenal training visits. Meridian to 400 P.M. ing visit & 20. Htrellaus From 4th PM to 8th PM

Clear to cloudy, light axis to light breeze from S. It to N. E by the

East-Distilling Mothers and USA. From 800 P.M. to Midnight.

Bar steady, Jalling last hour. But over drift Glad Politiling.

Gro M. Melague. Gra M. Melian John Thurst Knowgator.

LOG of the United States It, anchor in Sibrallar Bay.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	0		lear bs.	See
Hour.	Knots.	Tenths,	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface:	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the
A. M.																	
1				86	East	9.5			30.08	68	66	67		0.0.9	ou nin	0	
2				8.6 1.6×6	,	3,5			30.06					"		0	B
3				1.6	,	3.5			30.09	68	67	67		,"	,	0	
4				"	"	2.5			30.03	66	- /	67		b. c. 9	"	1	B
5				6. N. C	"	2.6			30.01	10	./	67		o. c. 9. m	"	0	
6				"	".	2.5			30.01	10		67		111	"	0	ı
7				"	6. 1.6	2.5			30.01	7.0	- /-	1		b. c. g.m	"	4	ı
8				" ,	"	2.5			30.03		68	67		"	"	3	
9				Ext	. " /	3,5			30.02	-1-	68	68		o.c.m.g.a	"	0	
10				6 x J	6 x N	3,5			29.99	69	68	68		6.c.m. 9	"	2	
11			-	6.5.6	Gast.	9.5			29.97	160	68	10		"	,	2	
loon.			-	5.0.6	4	4.5			29.97	67	60	60		"	"	/	

Course and distance	ce made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ①	0	,	"	
	Longitude by chronometer from Forenoon Observations of ②	0	,	"	
	(Latitude by	0	,	"	
Position at 8 A. M.	Longitude by	0	,	"	
	(Latitude by	0	,	"	
Position at 8 P. M.	Longitude by	0	,	"	
Current during the	e time, knots tenths per hour, setting to the				
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	. 0	1		
Deviation of the C	ompass by Azimuth O observed at , ship's head	0	,	variation used,	0 1-
Error of the Comp	ass by Azimuth @ observed at , ship's head	0	,	"	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head .	0	,	variation used,	
Water expended du	uring the preceding 24 hours,	5	00	gallons.	
Water dist	during the preceding 24 hours,	130	0	"	
Water remaining o	on hand fit for use at Noon,	270	0	"	
Coal consumed dur	ring the preceding 24 hours,	2 tons	120	O lbs.	
Coal remaining on	hand at Noon,	tons "	18	0 "	

. M. 1	6 x N	East	4.5	29.25-68 68 68	be m, g cumin	1
2	1.6 x N.	"	4	29.92 65 68 68	rcm.	6
3	y		4.6	29 90 68 68 68	o.c.m. p.g	0
4	,		4.6	2990 68 67 67	o.c. m. g.s. "	0
5	N.E	,	46	29.85-68 67 67	" "	1
6	"	"	4.6	29,80 68 67 67		1
7	1.6 x 6	"	4.6	29.77 69 67 67	" "	0
8	6. N.E		7.9	1972 69 66 67	, ,	0
9	N. E.	N. E	6.9	29.77 71 66 67	, ,	0
10	Nout	N.N.E	U-8-	29.85-72 64 66	" "	0
11	A. H. XN	J. N. H	5.7	29.9172 64 66	" "	0
Mid.	A. A. H	,	40-	29.94 71 64 65		0

Commander & Strong under the command of , U. S. Navy, , 18 9% RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commencer and until 40 AM long bruge from East blowing in aqually Distilling. OP Jacken Ensign From 400 Am to 800 AM in equals. Ship surging for chain during smult East to E.V.C. in equals. Ship surging for chain during squally Operated morning orders. Received in Dept. I of a 197 the fresh bread of 121/4 lbs. Each fresh beef & regitable. Distilling. Motaline MoHalue U.S. V. From 8 - . V.M. to Merilian. Overcast - cloudy - misty - raining frist hour - Janets to moderate beege wint stiff to fresh further from 6 by It and East. Barometa faching. At 920 mustered at guarden and then former anfantes Bactalion. Second Brievo. Concerns startered watch of 1the Direction of the Commanding There of the Louisanding There is the Louisanding There is the Louisanding There is an affected visit to the Portuguese Cruses It damaster. Starter Just in botter I at 90. The Tellians Soo. W. Triliams Meridian to 400 o.M. Merichan to 40. M. Cloudy to overlast rainy last hour Moderate to slift breezes from East blowing in agnally. Educate all post watch boar crews under oars. The Commanding officer visited Migially the English Crujan Polyheimur and restored to actif, from the Mich of 19430 and by James returned from configuration and restored to actif, from 1. 2 & Mich (44,430) and by James quefoulty complicate for two and one day, on hearty health bary it between the Company of the former of the last of the former of the last of the former of the last of the Polyheim of the Polyheim of the Commanding officer of the Polyheim on the Adamaster Called of the Polyheim on the Commanding officer of the Polyheim on the Adamaster Called of the Southern of tocken From How I. M. to 500 I. M.

Overcast- regularly and raining. Moderate bruge with Just segnature at first steadily inorising to very fresh bruge with ching gate regular last hour. At J. 22 sent down
top fall and by every maste. At 16 th Jet go port anchor and verie to 20 factoms.

The starter dragging veries to 50 factoms by Retif chain and 4 Jon port chain outside.

The house. Ship trought self with dight ship to the northern and of men Mole about 100 ft.

Michael broad on post quarter, ships head E.S.E. At J. starter ferror in D. bosten Disatiling.

The Analysis of the second of From 400 S. M. to 800 P.M. From 8 or J.M. to Midnight. and blowing in squally Bahometer trieng of moderate bruse backing from East to 1. 1818 and blowing in squally Bahometer trieng trapidly. At 10 20 hove in 16 45 and 40 from at mater stage on soft of part bown chains respectively to keep clear of two froze solution at 11 = terresed and count with terragines. Steam in three boilers & enquires ready for use perbetting John Mewast . Navignar.

Kanchor in Librattar Bay. 300 Rate,

			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.		10000	lear hs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.				N. H. N	N. N. W	2			29.79	71	65	-65		J. c.m	Ou sr	0	
9				Jr. Wx W	St. H	2			29.99					"		0	ı
3				N. 21	Hest	1			29.99			65		,,		0	
4				N. N. H	"	1			29.98	20	66	66		4	"	0	
5				N. 21	"	2.3			29.99	70	66	66		o. e. m. f	1	0	
6					,	1.2			30.01					0. c. In	"	0	
7				2/x N		2			30.01					"	1.	0	
8				Thest	21x5	4			30.63	69	68	67		o.c. m.d	"	0	
9				NXS		4.5			30.04	69	69	68		b.c.m.d	"	4	
0				5.74	5.71.	45			30.03	70	20	69		b. c. q.d		3	
1				"	7 8.71	5.6			30.03					o.c. m. 91.1		0	
on				"	"	5.6			30.01	68	67	67		le o grand		2	

Course and distance made	good since preceding noon by	observations,		knots.		tenths.		
Latit	ude by D. R.			0		"		
	itude by D. R.			0	,	"		
Position at Noon: Latit	ude by observations of ①			0		"		
Long	itude by chronometer from For	renoon Observations of	0	0	,	"		
Position at 8 A. M. Latit	ude by			0	,	"		
	itude by			0	,	"		
(Latit	ade by	a bus /		0	,	"		
Position at 8 P. M. Long	itude by			0	,	"		
Current during the time,	knots tenths per	r hour, setting to the						
Error of the Compass by	Azimuth O observed at	, ship's head		0	,			
Deviation of the Compass	by Azimuth O observed at	, ship's head		0	1	variation used,	0	
Error of the Compass by	Azimuth O observed at	, ship's head		0				
Deviation of the Compass	by Azimuth O observed at	, ship's head		0	,	variation used,	0	
Water expended during th	ne preceding 24 hours,			50	70 g	allons.		-
Water Sistilled	during the preceding	24 hours,		90	V			
Water remaining on hand	fit for use at Noon,			2800	0	4		
Coal consumed during the	preceding 24 hours,		2	tons	160	lbs.		
Coal remaining on hand a	t Noon,		87	"	20	"		
			. /					

. M.	7.5.N	7.5.71	3.6	29.99 7	20 70	69	f.e.m	ou	2
2	7.3/45	7x5	3.5	30.00 7			4		1
3	71.5		3.5	20,00 7	1 73	71	4	"	4
4	"	"	3.5	29.99 7	0 72	21	1		-5
5	"		3.5	30,00 7			f.c.m. 91		2
6	H.S.N	dr. S. W.	3.4	30,00 7	1 69	6.8	"		2
7	.,		3.6	30.047	2 66	66	. 0.c, m g. n. L		0
8	S. It	S.M.	3.4	30.06 7	1 66	66	0.0. m. d	4	0
9	West	2. N. H	3.4	30.09 7			0.c.m.g. 6	"	0
10	S. Nx W		2	30.127	0 63	63	b.c.m		3
11	NIS		2.3	30.146	963	63	b.c.m.b	- "	3
Mid.	NSM.	N. 21	2	30.15-6			f.c	fi. en	19

Commander & Strong , U. S. Navy, under the command of Friday Oct. 15th RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until + or AM. Overe from N. N. It to Hest. Baromete steady. Sinished destiting at 100 Fixes banked under three boilers. Thele. From Har AM to 800 AM Overcast mist and trayling dight to moderate buezes from It by I the S. Spread fire at 5th and at 5th burnet over lenging. I see in on startyant chain to 15 June. then depher port chain and hove up startward anchor, picking up hight of fort chain. Gle aret anchor and hung it to cat he at. at end helwing find port chain. Received in Tay Department frust provisions as follows: bread 97 lbs. beef 121/4 lbs. vegetable 121/4 lbs. Sto. N. Truliains From 800 AM to Meridian.

Cloudy to overcast - varing shirt hour and at intergale during rest of watch Einte to lead telegre from 14 x5 to 145. It blowing in squalle. Shifter andhorage to the 12 of 14 and 18 and IT. Fachen Eneign From Meridian to 400 P.M. Cloudy. genet to stiff breeze blowing in squals from It S. It is It is Barowiler affects affective at signals. At 3 so sent except achore to femous of for the State of the St From 400 P.M. 6- 800 P.M. Couly to overcast sainy latter park Tente to fresh briege from the to It Howing in agadle. Bar rising. Ill 50 let go distrart anchol and verie to 22% Jons. I shain at the bitted. Rigger in bother booms. I. A surgan Lieuro Morrio Mill left to ship on the days leady of absence. Sent literly pality achore. Fire gender three boolers land engine treaty for use. Ensign

From 80 9.M. 5 Midnight. to J. H. Barometic riving. Tips under their boiler and engine ready for use

John Stingth - Navigator.

LOG of the UNITED STATES Ship Essex. At anchor in Sitralian Bay.

			Reading		WIND.				BAROMETI	ER.	TEMP	ERAT	URE.			lear hs.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	her.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.				1 0 1						,				1			
1				Jr Spr	N. 21	3			30.186					b.c.m.w	Cuash	6	
2				21.11	,	3			30.20 6	18	63	63		,		17	
3				N. N. M.	"	12			30.21 6							8	
4				Nout	calm	0			30.22	68	63	63				9	
5				AxE	" ,	0			30.246	7	62	61		t. c. w	cu-ch	12	18
6				."	S.M	0.1			30.25-0	17	62	61		f.c		6	1
7				21 x N	"	2			30.29 6	.7	62	61		4	"	5	1
8				"		2.3			30.29 6					4	"	5	100
9				,,	Heet	2.3			30.346	8	67	65		. "	i	5	
10				SHXH	N. H	2.3			30.36 6	8	68	67		4	Cu. Nim	2	10
11				SHXS		2			30.37 6	8	68	66		"	"	4	
Noon.				S.S. M	Nout	1			30.37 6	9	70	68			,	5	1

Course and distance	e made good since preceding noon by observations,	knots. tenths.	
	Latitude by D. R.	0 1 11	
Position at Noon:	Longitude by D. R.	0 "	
Position at Noon:	Latitude by observations of ②	0 , "	
	Longitude by chronometer from Forenoon Observations of O	0 1 11	
	(Latitude by	0 "	
Position at 8 A. M.	Longitude by	.0 / "	
	(Latitude by	0 1 11	
Position at 8 P. M.	Longitude by	0 ./ "	
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	• •	
Deviation of the Co	ompass by Azimuth @ observed at , ship's head	o ' variation used,	0 '
Error of the Compa	ass by Azimuth O observed at , ship's head	0 1 11	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used,	
Water expended du	ring the preceding 24 hours,	600 gallons.	
Water dis	during the preceding 24 hours,	600 "	
Water remaining of	n hand fit for use at Noon,	2800 "	
Coal consumed dur	ing the preceding 24 hours,	/ tons 5/60 lbs.	
Coal remaining on	hand at Noon	85 " 100 "	

P. M.					0	
1	Nx H	S. St	11-	30.35-69 70 68	tic	Ci-Cu 5
2	N. N. H	N. St	1.2	30.35-7/7270	"	, 6
3	A. WxN	West	1.2	30.35-7/ 75-72	"	7
4	,"	,	1.2	30.347/7472	,	7
5	Nest	,	/	30.35 7/74 73	"	" 7
6	V1/2 St.	South	1	30.35-71 74 72	"	" 7
7	Nx W	S. S.E	1	30.37 72 67 68	,	cu 9
8	N.N.E	"	1.0	30.38 72 66 66	1.	" 10
9	SxX	"	/	20.3972 66 66	b.c.w	- 9
10	Wx S	Variable	1.0	30.40 72 66 66	"	- 2
11	Nx 87	,	10	30.3970 65 65	. ,,	- 6
Mid.	,	,	10	30,39 70 63 63	,,	- 7

Commander & Tetrong , U. S. Navy, Saturday Och 16# RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 40 AM bueze from N. H. Barometer rising . Siving to stabboard with current then to post with wind and current. g. it. Jordan. U.S. N. From 4th Jais. Calm first part, light to gent S. M. bruze last fast Fresh brief fort anchor Sent up S. 9. marts. Reckiner in Dest. of S. V. 1. 97 lbs. fresh brief and 121/4 lbs. each fish beif & negetable. Distilling.

M. Hulene. M. S. M. O. Huline MS. A. From For P.M. & Meridian.
This and warm - Light aire to gentle bruge from Hest, A. It my North. Portuguese Cruise Adamsolor went to sea.

Gio M. Williams Gio. M. Williams Meridian to 400 P.M. Meridian to 42 M. Clear and pleasant. hight aire to light being from S. M. to N. M. Barometer streng them.

Jalling. At 12 Larger salt to dry. Patr S. W. Low salt. By order of Comde There reliable from confinement of S. Early (230) best prisation of benfinement, who confined for this I days on tread and wall of solitary confinement. NO Booker (230) Affense. Disobetience of orders. The obtained Confinement of time up anchorated shared out into the Bay, when returned and moorey ship. An English Corpus Destroyer shiller beret in the mole anchorage. Jist. Jordan USA From 40 9 M to 800 JM Light aire. \$10. Mhunains From 800 9. M. to Midnight Heavy dev- Calm and light SSE and variable acre. Barometer steady at 800 ship sivinging to part with current swing all the way arotind, stopping a chost oftend when heading to the St. 1 112. Ensign. Sint. Jordan, U.S.N. John Stewart dient & Navigator.

LOG of the United States of Ship Eases Sibrallan Bay. Rate,

A. M. 1	lear bs.			TURE.		TEME		BAROMI				WIND.		Reading			
1	Prop. of C Sky, in 106 State of the	Forms of Clouds, by symbols.	State of the Weather, by symbols.	Water at Surface.	Air, Wet Bulb.	Air, Dry Balb,	Ther.	Height in inches.	Leeway.	Heel.	Force.	Direction by Standard Compass.	COURSES STEERED by Standard Compass.	of Patent	Tenths.	Knota.	Hour.
3 South J. E / 30.36 66 62 62 " 4 J. H Caem / 30.38 66 62 62 " 5 J. J. E / 30.38 66 63 63 " 7 J. J. E " 12 30.39 66 64 63 " 8 J. J. E " 1.2 30.39 66 64 63 " 9 E J. E / 2 30.47 69 7/ 70 " 10 E x M " 2 30.42 69 7/ 7/ "	9	ici-s	l.o.w								1	N. 24	Ax W				
4	9		"		63	62	68	30,38			/	Hest					2
5 Calm 0 30.37 68 62 62 " 6 N. 6 N. 6 O. 30.39 68 63 63 4. c. m 7 N. 6 " 12 30.39 68 64 63 4. c. m 8 N. 8 " 1.2 30.39 68 64 63 " 9 6 N. E 1.2 30.41 69 71 70 " 10 6 x N " 2 30.42 69 72 71 "	9	"	,								1	N.6	South				3
6	9	"	"								1	,	. N. H				4
7	9		"		62	62	68	30.38			1	the second second second second second					5
8	7	4	1"								0.1	N. 6					6
9 6. A. E 1.2 30.41 69 71 70 " 10 6 x A " 2 30.42 69 72 71 " "	7		7. c. m		63	64	68	30.39			1	"	N. N.6				7
10 Ex. N. " 2 30.42.69 72.71 " "	7	"	. "								1	-"	Jrx6				8
	2	-	"								1	6. N.C					9
Ca-1 9.3 3043707272 eu	3	"	"								-	"	Ex				10
	4	cu	"								2.3	Est. E	,,				11
Noon. S. E E. St. E 2 90.43 70 72 71 1.	6	4	1.		71	72	10	30.43			2	6. N. 6	2.6				Noon.

Course and distant	ce made good since preceding noon by observations,		knots.		tenths.	
	Latitude by D. R.				"	
	Longitude by D. R.		0		"	
Position at Noon:	Latitude by observations of O		0		"	
	Longitude by chronometer from Forenoon Observa	ations of O	0		"	
	(Latitude by		0		"	
Position at 8 A. M.	Longitude by		0	,	"	
Position at 8 P. M.	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		0		"	
Current during the	e time, knots tenths per hour, setting	to the				
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head		0	,		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's	head	0		variation used,	0 -1
Error of the Comp	ass by Azimuth O observed at , ship's head		0	,	"	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's l	nead	0	,	variation used,	
Water expended de	uring the preceding 24 hours,		J	00	gallons.	
Water dis	lilled during the preceding 24 hours,		6	00	"	
Water remaining of	n hand fit for use at Noon,		29	00	"	
Coal consumed dur	ring the preceding 24 hours,		/ tons	1040	lbs.	
Coal remaining on	hand at Noon,		83 "	1300	"	

. M.	7 1				1	0
1	South	East	1.2	30.43 69 78 76	b, c,m	fr. cu 9
2	55.21	,	/	80.41698278	"	1.
3	7xx		1/	30.40 69 80 76		" "
4	N. N. E	,	1.2	30.40697471	111	4 6
5	1.6 x 1	E.N.E	1	30.39 68 68 67	b.c	Sti- en
6	"		/	30.3966 67 66		" 0
7	Jrx E		/	30.39 68 66 66		. 7
8	N. ExN	"	2	30.3968 66 66	4"	en j
9	S.E	East	1	30.40696666	lie w	. 8
10	SxE	6.1.€	1.2	30.4170 66 66		. 9
11	6×5	,	12	30.4169 66 65		circu ;
Mid.	N. E		3	30,41 68 66 65	"	" 3
						100

Commander E. J. Strong Sunday Oct. 17 2 under the command of , U. S. Navy, , 18 97. Commences and until 4th AM learn dight variable aire. The banker in two boilers: nothilue dientinant, USN From How AM to 800 AM.

Tair and pleasant - Calm first hour - Light airs and bruger from

16 remainder of gratch. Relevoid in Department of Supplies afflects
the following fresh provisions, busy 97 lbs. Duf 151/4 lbs. Westable 11/4 lbs. Eneign From 80 AM. 6 Meridian. Bleasant. hazy around horizon bight aire to gent being from ENE to 6. Barometer riving then stady. Riding to wind and between wind and current until 115 when claries to swing to post. At 9 30 mustice at guarters 6 6.9. Jaylor, H. S. Nilan and N. Jordet (Apa 3.9) P. Perry (B. M. 20) 45. P. Curency (his absent without leave. The Executive Officer insplictive origin, and ship. The Country Officer of A. B. M.S. Blenking by Halcyon visited the Chip. g. Ar. Jordan U.S. N. Meridian to 400 PM warm. Thermometer 82° at 200 highs airs to light breeze from the Fast. By order of Country Thermometer 82° at 200 higher airs to light breeze from the Fast. By order of country confinement on bread sand water for one day. Mense, inout-ordinals I conduct. This banked. Disclilling. Motherline USN From 400 JM to 800 P.M. Clear and pleasant. Light gairs to light beege from E.St. E. Barometer steady. Riding to Sty current 9.15 Jordan. J. M. Jordan. USA.

From 800 P.M. to Midnight Char fight airs to genete breeze from the East to E. S. E. Distilling. Motpelme

John Willwest Fruit , Navigator.

Motheline US.N.

LOG of the United States At anchor in Sibralian Bay. 3rd Rate,

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	V		lear hs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.				N.E -	S.E	2.3			30.41	68	65	65		b.c.w	-cu	4	
2				East	"	2.3			30.40	67	65	65		"	"	3	
3				4	€. S. E	3			30.37					"	cu-nin	1	
4				,,	"	3			30.31					,	"	1	
5				6. N.E	East	3			30.35					"	"	3	
6				N.E	"	3.4			30.35					b.c		2	
7				,	,	34			30.36	68	67	66		"	,	3	
8				6. N.E	6. St. E	3.4			30.37					,,		4	
9				,	"	3,4			30.38	68	68	67		t.e.g		3	B
10						3.4			30 39	69	68	67		"	,,	2	П
11				East	. "	34			30.39					"	"	2	
loon.				"	East	3			30.37	69	69	67		- "	"	1	
									-			1					

Course and distance made good since preceding noon by observations,			knots.		tenths.		
(Latitude by D. R.			0		"		
Longitude by D. R.			0	,	"		
Position at Noon: { Latitude by observations of O			0.	,	"		
Longitude by chronometer from Forenoon Observation	ns of ⊙		0	,	"		
(Latitude by			0	,	"		
Position at 8 A. M. Longitude by			0.	,	"		
(Latitude by			0	,	"		
Position at 8 P. M. Longitude by			0	,	".		
Current during the time, knots tenths per hour, setting to the	he						
Error of the Compass by Azimuth O observed at , ship's head			0	1			
Deviation of the Compass by Azimuth @ observed at , ship's head	1		0		variation use	d, °	
Error of the Compass by Azimuth © observed at , ship's head			0		"		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	1		0	,	variation use	d, °	
Water expended during the preceding 24 hours,			50	00	gallons.		
Water during the preceding 24 hours,			40	0	"		
Water remaining on hand fit for use at Noon,			280	0	"		
Coal consumed during the preceding 24 hours,		1	tons	170	60 lbs.		
Coal remaining on hand at Noon,		81	4	178	80 "		

2. M.	6.5	5 1	3	30.33 69 68 67	f. c. 9, cu	1
1		East			0. 6.9	- min
2	Ex.A	6x N	3	30.33 69 68 67	"	
3	6. N. E	6.1.€	3.4	30.33 70 69 68	0.C. m	" 0
4	1.6x.6		3.4	30.32706867	11	. ,
5	"		3.4	30.32696766	b.c.m	. /
6	"		3.4	30,88 6967 66		1
7	"	"	3	30.35 70 67 66	, "	" 2
8	1.E	"	3	30.35-70 67 66	b.c.m.g	, 2
9	1.6, €		3.4	30.85-71 67 66	4	, 2
10	6. 1. €		3.4	30.35726766		, 4
11	Cast		3.4	30.35-71 67 66		, 4
Mid.	"		3.4	30.31-70 67 66	"	. 4

Commander F. S Strong. Monday Oct. 184 under the command of , U. S. Navy, , 1897. Barometer faching. Sho. M. Miliams From 4th to 800 Am. Senite to moderate being from 6 56 to 6. M.C. Darometer rising. Received on board in Dept Suffice of Recto, 97 the best and 121/4 lbe exch fush but and regulater. Ridling to wind all the match. Fire Jordan W.S. St. From 800 A.M. to Meridian Cloudy and Equally Sente to moderate breeze from 6.4.6 to the Cast, M 9 32 mentered and granters: Ween't without lame I. Pierry (B. M. 20) S. F. Sweing (Do.) A See (Do.) C. Berrich (B. Saylor, all spile 30) reliened to the ship 40 has overtime. Exercised Divisions as Joflows: Inder- Junney + rignale; My Infantry and boats I the Survey and boats 3st boats and plouders Inch. The Condy Tficer I B. M. S. Saudy (made an official visit to the ship. Deported of Condy Thier of Practices of the Survey of Survey and the survey of the survey of the Condy There ignore the Survey (B. 30) upon confined in double irons for fine day, Reneignor insulvationalism. Sti. Julion came in from 82 Mother Suintinant U.S. A. Meridian to 400 P.M Moridian to 4 = 3. M. Cloudy to receive from between Gast of 6 S.E. By order of Comby to receive from the series of the 3. C. and confine St.D. Charles and R. C. Some (Mps. 3. C) each sentiment to the days in solitary confinement on bread and water for Disoberience of brook". Plorida reward of the dollars each for the taphichenajon and delivery on toard of P. Serry (B.M. 2.C) and J. J. Lukery, A. See and C. Thomas (Landemen) lent a liberty fast of apprehension of the Party fast of Morion of the Party fast on phone. Ferman Stamur Kaiser Wilhelm I and Juloa went to sea. Sto. M. Williams From 40 9 9 M & 8 4 9 M GAE. Served out clean hammocks to sit and sold sold plan distilling, at 5th of see (Los) returned to Chip 10/2 his overtime in I. 3. Sweeney (Los) helierned 3+1/2 his overtime.

Mothered Well From 80 9.M. to Midnight. East. Rarounder steady. Examined and found to be correct. John Stewart & Navigator.

LOG of the United States Ship Essia Sibrallar Ray.

			D., N.,		WIND.				BAROME		TEMP		TURE.			lear hs.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10t	State of the
A. M.				E. St. S	6. A. E	3.5			30.35	70	68	67		b.c.m	an nu	1	
2					"	25			30.35					"	4	2	
3						35			30.34					"		2	
5				Ex St		3.5			30.35	20	67	67		o.c. g. m		0	
6				East E. N.E		3.4			30.85				13	"		0	
7 8	-			6. St. E	Ex.	4.5			30.29					o.c.m. 9		0	
9				A.ExE	6. N.E	3.4			30.40					"		0	
10	-				,	3.0			30.41					"	"	0	
Noon.				"	East	3.0-			3039	68	68	67		4	"	0	

Course and distant	ce made good since preceding noon by observations,	knot	s	tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0		"	
Position at Noon:	Latitude by observations of O	0		"	
	Longitude by chronometer from Forenoon Observations of ②	0	,	"	
	(Latitude by	0	,	"	
Position at 8 A. M.	Longitude by	. 0	,	"	
		0	,	"	
Position at 8 P. M.	Latitude by Longitude by	. 0	,	u	
Current during the					
	ass by Azimuth \odot observed at , ship's head	0	,		
	ompass by Azimuth ⊙ observed at , ship's head	0		variation used,	0 . 1
	ass by Azimuth \odot observed at , ship's head		,	· n	
	ompass by Azimuth ⊙ observed at , ship's head	. 0		variation used,	0 .
	uring the preceding 24 hours,		000	gallons.	
Water	during the preceding 24 hours,	4	400		
	n hand fit for use at Noon,	27	00	"	
	ring the preceding 24 hours,	/ tons	9	60 lbs.	
Coal remaining on		80	82	0 "	

. M.	6 x N	East	14	30.37 69 69 68	6.c.m. g Cu. 1
2	East	,	3.4	30.34 64 70 69	" "
3			3.4	30.87 69 90 69	" "
4	"		3.4	30.37 69 69 68	" " "
5	6. Jr. E		3.4	30.37 68 69 68	A1 " 2
6	V.E		3	30.37 68 68 67	t.c " "
7		,	3	30,29696565	" " 5
8	"	6 N. E	4	30.40 69 68 67	" "
9	6. J. E		4	30.4170 68 67	" "
10	,	Ex	3.4	30.4170 68 67	
11	Ex N	"	3,5	30.41 70 67 66	1" " 5
fid.			3.5	30.41 70 69 66	6.6.9 " S

Commander & J. Strong Tuesday Och. 19.4 under the command of , U. S. Navy, Commences and write 4th AM. Olandy- Sent to stiff & A. E. by bruge blowing in squally At. Kacken From 400 Am to 800 Am. morning orders. Received in Dept. of SHR 97 the break and 121/2 cla. Mitheliae Lundinant. U.S.A. From 8 and AM. to Meridian,
to East. Barrand equally Jent to stop burge blowing in equally from 6.18
to East. Barrand plus plushed at 92 monther at guarter after which
elarboard watch of apprentice were version at total under over book
ugatch signale. When without leave C Thomas (In) (Dahlung (In) hunt
the following 30 class appendice H. Burden, S. I. Donsham J. H. Foulker
J. Harrington - J. J. Machany, B. Hikon. - J. Wall. J. Berry (BM. 20) P. H.
Jackson M. B. Berrand (aff) 30 returned Jum librily 49th and 14 his, overtime
temperaturally distilling. Meridian to 400 P.M. Meridian to 4 fuge - Ofrenties sewing & menoing of taken From the P.M. to 800. P.M.

Clandy and cool- Junto to moderate breeze from 6. to E.f. E. Barometer

piacing. Senf library failed ashory. a reward of \$1000 each was flich

for the delivery John book of the following nation apprentices it Senden

J. Donnam. J. J. Jouehn - D. Harrington J. Macanily. B. Welen J. Walf.

Dilliping From 8 - J. M. & Meridian Jan & N.E (East x North blooming in qualle. Simisher distilling at 8.30. Or facker John Rewart Davige

LOG of the United States Ship Essia 328 Rate,

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.			lear hs.	See.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	Gintanfille
A. M.				East	East	35			30.42	69	67	66		b.c.g	Cunt	4	
2					"	3.5			30.42					"	"	4	li li
. 3				ENE.	4	3.5			30.42	69	67	66		"	"	4	
4				4	4	35			30,42	69	67	66		"	1	5	ī
5				Ex	"	3,5			30.40	69	69	66		o.c. m. 9	"	0	
6				6. N. E		3.4			30.41	11		66		o.am.g.d	"	0	
7				ExS	1	3.4			30.44					o.c.m.g	"	0	
8				J. Ex E		35			30.45		100	67		"	4	0	
9				S. G x S	6.5.6	4.5			30.46	11-	68	67		"	"	0	
10				6x5	"	4.5			30.46		68	67		"	"	0	E
11				East	,	4.5			30.45			67		"	"	0	
Noon.				"	East	4.5			30.52	68	68	67			"	0	
						-											

Continue to the compass by Azimuth © observed at ship's head of the compass by Azimuth © observed at ship at the compass	
Position at Noom I congitude by J. R. Latitude by observations of ♥	
Latitude by chronometer from Forenoon Observations of © ' " Longitude by chronometer from Forenoon Observations of © ' " Longitude by	
Congitude by chronometer from Forence Observations of C	
Position at 8 A. M. { Latitude by	
(Longitude by Position at 8 P. M. { Latitude by Longitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Aximuth ⊙ observed at , ship's head	
Position at 8 P. M. { Latitude by	
Position at 8 P. M. { Longitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at , ship's head ° '	
Error of the Compass by Azimuth ⊙ observed at , ship's head .	
Error of the Compass by Azimuth ⊙ observed at , ship's head .	
Deviation of the Compass by Azimuth O observed at , ship's head o variation used,	1
Error of the Compass by Azimuth ⊗ observed at , ship's head ""	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head o variation used; o	
Water expended during the preceding 24 hours, 500 gallons.	
Water distilled during the preceding 24 hours, 600 "	
Water remaining on hand fit for use at Noon, 2800 "	
/ tone /680 ths	
Coal consumed during the preceding 24 nours, Coal remaining on hand at Noon,	

M. 1	East	East	4.1	30.45-69 68	67	o.c.m.9	nim	0
2	6.5.8	,,	4	30.43 6968	67	, "	,	0
3	"		4	30.43 69 65	67	6. c. m. 9		2
1	SE	. "	4	30,41 68 68	67	04		2
5	,,	4	4	30,4,68 68	67	8.c.m		2
6	"	"	4	30.41 68 65	671.	4	"	2
7	East	"	4	30.4170 68	67	,	"	5
8			3	30.43 70 67	67	1	"	3
9	6. N.E		3.4	30.45-70 69		b.c	"	1
10	Exs		3	30.45-69 66			en	9
11	6. S. E	. "	3	30.43 70 66	66	"	"	8
ſid.	East	"	3	30.42 70 66	66	"	,	7

Commander & Shong under the command of , U. S. Navy. Commencer and until 4th AM. Finite to stiff bring from East Darmeter steady. The Mark. From 400 AM & 800 AM.

From 400 AM & 800 AM.

Viving Coal lighter come plungaide at 6th Began taking in you at Jo with Jace June June Place of Beautiful M 8 & J. Jack Jack Joseph as John of John - head 97 lb Beef 121/2 - regetables 121/2 . I Joseph A Joseph A Jack A Joseph A Josep John 8 cm AM. to Meridian - Orange from 6, 5 & (East blowing in equals. The following about writtout leave. Q. Thomas (Los.) I Dahlberg (Tox) A Burden & T. J. Donorday (Php. 3C) By order of Consign Their place on stronge stones to award to at y & C.M. Others D. H. (2.3) + Holf Q. (2.3) + by same authority thereof Ellie. I C.G. M. 3C) in double irons for fine days for Insulvariant Chloric School I Newtherfully representing all Company Their called Thickard Conding Lawring There are to Therefore the Common to the Common town of the Conding on the Common taken on board of Haleyon. Jinight Coraling Lawring taken on board on board of the Street of Depth (Con) of the Russian (2.3°) returned on board 51-27+42 his over time reference. of Susker Meridian to 400 J.M. Metridian to 40 2 M. Conda Moderate breeze blowing in squally from East. Barometer Salting (Sy order of Counda Mike releded Jones, P. C. & Sharp H. (14,6,3,0) established for freeze M. Confine M. Cauchy II (2,39) for one day collitary confinement on bread & water for calling Salother pelann vile hamme. Matifiate M. H. 230, 3 days prolitary confinement on bread & water for positive disorbedience. If orders. Jarrew specification for Summary Count Martial on B. Milson & Holf (14,6,30) bread light yards at 3.00 carried whale books crew under oars. H. M.S. Blenheim lift Mole at 3.00 carried anchow at 3.00 carried anchow at 3.00 carried anchorer at 300 From 400 PM & 800 PM
Cloudy to Jair. Jente to moduate Ely bruge: Exercise apprention at setting help location. The French Crosser Comora came in an appelored OF technic.

Ensign From 8 00 J.M. to Midnight. Clear and cool - Genett bruge Jam East. Barometer Jalling.

Examined and found to be correct. Sillan. John Thomas Ensign Lieut or Navigator.

LOG of the UNITED STATES A anchor in Eibrallar Bay. 318 Rate,

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.			lear hs.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th
. M.				Ex S	East	3.6			30,41	69	66	66		f.c.g	eu	3
2				"	"	4			30,41					"	4	4
3				East	"	3.4			30.38					"	"	3
4				6/25	"	3.5			30.30					"	"	3.
5				6 x 5	,,	3.4			30.35	69	66	66		0"	"	3
6				6. S.E		3			30.35					b.c.m	"	2
7				"	,,	2.3			30.35	69	66	66		"	"	3
8				S. C.		34			30.35	-67	67	66		"	"	3
9				6.N.E	4	3			30.29		68	67		1"	en-sr	2
0				N.E		3			30.28	-68	68	67		6. c. m		2
1				6. J.C	4	2			30.26		68	67		"	"	1
on.					"	2.3			30.24	68	68	67		"	"	1
JII.						1						1				

Course and distant	re made good since preceding noon by observations,	knots.	tenths.		
	(Latitude'by D. R.	0 '	"		
Position at Noon:	Longitude by D. R.	• • •	"		
Position at Noon:	Latitude by observations of O	0 '	"		
	Longitude by chronometer from Forenoon Observations of O	0 ,	. "		
	(Latitude by	0 ,	"		
Position at 8 A. M.	Longitude by	0 /	"		
Position at 8 P. M.	(Latitude by	0 /	"		
Position at 8 P. M.	Longitude by	0 /	"		
Current during the	time, knots tenths per hour, setting to the				
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1			
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 /	variation used,	0	*
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,	"		
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 1	variation used,	0	•
Water expended du	aring the preceding 24 hours,		gallons.		
Water dis	title during the preceding 24 hours,	500	"		
Water remaining o	n hand fit for use at Noon,	2800			
Coal consumed dur	ing the preceding 24 hours,	/ tons 88			
Coal remaining on	hand at Noon,	134 " 162	0 "		

P. M.	Ex N.	East	2	30.226	969	967	f.c	cum	4
2	6. S. E.	"	2	30.20 69	969	67	"	"	5
3	· 5 x 21	Nest	1	30.16 70	176	73	"	"	9
4		Sx H	1	30.14 70	76	73	"	"	9
5	5.5.22	South	/	30.13 71	120	68	"	"	9
6	"		/	30.12 70	170	68	"	"	17
7	N.S.N	"	/	30.12 70	65	165		"	17
8	Hest	"	/	30.12 70	160	-60-	A11	"	17
9	N. 21	West	/	30.11 70	1 64	64	V. w	none	10
10			1	30.11 70	564	64	",	11	10
11	Hist.	-"	1	30.11 70	65	164	"	"	10
Mid.	5 21	8.2	1.4	30.10 70	64	164		"	10
								1000	

under the command of Tommander & Strong Phureday Och 2/4! , U. S. Navy, Commences and until 400 AM Cash Barometic steady then falling. Riding to wind and between wind and I from form. And I form the form the form the watch. From 40 AM & 800 AM
who following I with provisions 97 Who Pread, 121/4 the cach of help and vegetables. The English Channel Squadron in sight outside the harboy. Of Jacken Ensign From 800 Am. to Meridian: Grown 8 - 4th to Meridian; All Meridian; Cloud of Meridian; Cloudy and cook - geneta bruss of from Cash. Dar. Jaking Sent braiding from to Sunch ashed of 15 gums at 8th Aut of the a salut of 15 gums at 8th Aut of the Magnificant. Whe English flag at the Magnificant was returned gum for gum by the Magnificant. Whe together Channel depresents. The Mathematical friend to a salut of 15 gums which was returned by the Magnificant. The Mathematical of Chanter which was returned by the Magnificant. It for multired at quarters. Thought which there is a follower. I be a salut of cuttons come at booker. Port watch exercised as follows: Porter directors; gum drill. 1/272th or company 3th progle sticks, sittly watch of 18th as signals. At guardens at a follows: at sending up land down top gallans and royal yards. Distilling Dilling. Meridian to 400 P.M. Olear and pleasant hight airs to light breeze from 6 chifting to M. T. M. Barometer latting. Generally apprendicts at who and down top gettant yards. Pet 2 wir 3 2 cultus lovered in Boats. The Comag Officer of Trunch Grine Organic Orisite the chip. By order of compliance to the present of confinement of confinement to confine the J. Beeke (930) for one day boltary confinement on tread and walt Mank; alternate thefr. A belinmary court matched in almost on trait for the trule of 9 Holf +B. Wilson (4) from 15 to 14. The Conglish Thee half-master colors. The Joseph men of war following the action. From 400 P.M 6- 800 9.M Clear and cool high airs from bouth. Barometer steady. Mash header colore at 5th with English flat. Finished distiting at 7th . From 800 9M to Midnight Our Jacking- Light airs from Hot to S.H with moderate squall last from of walth. Barownell strady them Jacking, Swing forth. J. M. Jordan. US. Nr. John Thurst dient + xargarar.

LOG of the UNITED STATES A Suppose of the

and Rate,

Reading of Patent Log.	2.2		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.			f Clear 10ths.	0.0	
	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 100	01110		
M.			SHXH	534	3.4			30.09	20	70	66		lag.	eun	7	
2			HXS	2. S.H	2.3			30.09	70	20	68		,	"	7	ı
3			HxN.	Hest	2			30.09	70	69	68		b.c	"	6	
4			N. H	. "	2			30.09	70	66	67		100	en	6	
5			"	A. N. H	1.2			30.07	70	68	67		b. c. m	"	7	
6			S. St	N. 21	2			30.08					"	"	7	
7			SxH	6. S. E	1			30.09	69	68	67		"	In un	6	
8			.,	S. S. H	2			30.09	69	70	69		*	9 "	6	
9			Hest	2. S. St	3			30,13			70		F.C		5	ı
				"	3			30.14	70	74	21		4	4	6	
		7	1. 21	"	3			30.14	70	74	71		"		3	
on.		1000		21	3			30.13	72	72	69		14	-	2	

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / //
Longitude by D. R.	0 , "
Position at Noon: Latitude by observations of ©	0 / "
Longitude by chronometer from Forenoon Observations of O	0 / "
(Latitude by	0 , "
Position at 8 A. M. Longitude by	0 1 "
(Latitude by	0 1 11
Position at 8 P. M. Longitude by	, 0 . 1 11
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	
Deviation of the Compass by Azimuth @ observed at , ship's head	o / variation used, o
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 , "
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Water expended during the preceding 24 hours,	JOO gallons.
Water distilled during the preceding 24 hours,	600
Water remaining on hand fit for use at Noon,	2900 "
Coal consumed during the preceding 24 hours,	/ tons 720 lbs.
Coal remaining on hand at Noon,	133 " 900 "

M. 1	N.A. H	West	2	30.10 7	272 69	· f.c. p	ci-m	
2	Hist		2	30.10 7	3 74 72	"	"	3
3	21.5 21	,	2	30.11 7.	2 74 74	"		5
4		"	2		2 74 70	f.c	ci-cu	4
5	SxH	,	1.0	30.12 7	27270	4	"	4
6	SXXS		/		2 69 68	4	cu	4
7	SS. H		1	30.15 7	2 69 68	4	"	9
8	"	SM	1	30.17 7	2 69 68	,	"	9
9	S."7.		/	30.17 7	26968	,	4	9
10	Variable	"	1.0		1 68 68	6	. ,	9
11	1,		/	30.18 7	0 68 68		"	6
fid.	Hist		1	30.18 7		"	"	6

Commander & Strong. Triday Oct 22 nd under the command of , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and until 400 AM Squally first part of watch. Time banker. more Motherline U.S. Ar From How Am to 80 Am Clear and cool-dight airs to light truge from H. N. W. to S.S. W. Barometer prising. Executive morning order of the hoister colors for the siamere ship Maha chahrhai coming in Received in Pay Rept. Just provisioner ag follower of the briese after 180 the sach of their and regulation. We transcend the Transce after Maha Chahrhai. Jirur a realult of 21 gum for English flag at main. Saluting balting on shore returned salut of your for gan. Selling. Grom 800 Am to Meridian

Olear and plearant - Gents brieze from H. S. W. to M. Barometer sioning then
facting . Sup riding between wind and Sty current Sent an Price to broke that
Sciampre Generaled Mapa Chikrkrii. At 60 the Maha Chikhri Jiju a rabut
in honor of the English View admiral. The salute was returned by N. B. M. S.
"Inhilta". It 920 muslim at guardine. I follower and (3.0) laboury wintout
leave - Exercise at June Inhalter and afterwards at Fix Ingularo. ASM. S.
"Gallrope" came in land, anchored. Sent an Officer to make the usual boarding visit J. J. Jordan, drintenant. W.S. t Meridian to 400 J. M. Cloudy-Light breeze Jugar the Hest occasional passing chowers. Inspects and turned in scrubber hammoch. Sent up royal yards of best gear of light saile. Stopper distilling at 3th By order of Comby ffice H. J. Bush (2.30) was released from confinement, the term having empths.

1. 100 Por 1- 200 Pm o from 400 9 m to 800 9.m. ometer rising. Riding to Sty current. The Siamese Juntoat Maha Charles left the habter. Dievenant. W.S.A. From 800 P.M. to Midnight.

Generally clear- dight aire from S.H. Tires fanked. Mo Dulmant W.S. N. Examined and found to be correct. John W. Stewart Navigator,

LOG of the United States At anchor in Titrallar Bay.

			Reading		WIND.				BAROME	TER.	TEME	ERAT	TURE.	0		lear bs.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Ch Sky, in 10th
. M.				South	8.7	1			30.18					0.0.21	Cu-of	0
2				SSW	.,	1			30.18	70	68	67		"	"	0
3				N.6,	East	1			30.18	20	67	67		O. C. 7	"	0
4				North	N. E	1/			30.18	69	67	67		,,	"	0
5				- "	',	2			30.19	69	67	67		"	4	0
6				N.N.E	" "	2.5			30.19	69	67	67		o.c.d	"	0
7				,	South	2.3			30.20					o.e. f. m	"	0
8				55%	n. n. 6	1.2			30.23					"	"	0
9				8.625	East	2			30.25	-69	66	66		of c, m	"	0
10				1.6	6. S.E	2			30.26			66		b.c.m	"	/
11				N. 6.x1		2			30.27	60	68	67		"	- "	2
oon.				"		2			30.25	67.	68	67		"	"	1

Course and distance	e made good since preceding noon by observa	ations,	knots.	tenths.	
	Latitude by D. R.		0 /	"	
	Longitude by D. R.		0 ,	"	
Position at Noon:	Latitude by observations of O		0 ,	"	
	Longitude by chronometer from Forenoon	Observations of ©	0 ,	"	
	(Latitude by		0 ,	"	
Position at 8 A. M.	Longitude by		0 /	"	
	(Latitude by		0 /	"	
Position at 8 P. M.	Longitude by		. 0 ,	"	
Current during the	time, knots tenths per hour,	setting to the			
Error of the Comp	ass by Azimuth ⊙ observed at , shi	p's head	0 '		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 ,	variation used,	0 '
Error of the Comp	ass by Azimuth ⊙ observed at , shi	p's head	0 1	"	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 /	variation used,	0 .
Water expended du	aring the preceding 24 hours,		600	gallons.	
Water - dist	during the preceding 24 hour	rs,	500		
Water remaining o	n hand fit for use at Noon,		2800	"	
Coal consumed dur	ing the preceding 24 hours, .		/ tons /6	O lbs.	
Coal remaining on	hand at Noon,		132 " 74	0 "	

. M.	N.ExN	6,5	12	30.23 69 69	68	b.c.m	cu	1
2	07.6 107		2	30.136969		,	"	2
3	,	East	1.2	30.23 68 69				3
4	N. E		2	30.23 69 68	68	o.c. m	4	0
5	"	"	2	30. 2466 68	67	l.c.m	"	2
6	E.A.E.	,	1	30.2469 68	67	"	4	1
7	South	,	/	30.24 69 68	67	"	4	2
8	SxH	,	/	30.26 70 67	66	All	"	6
9	Jx E	,	/	30.27 70 67	66	f.c	4	6
10	East.	SE	12	30,276967	66	"	11	2
11	"	East	2,8	30.25 69 67	66	"	"	2
Mid.	€ 1.8		3.4	30.25 69 67	66	0.2.4	"	0

Commander & P. Strong Saturday Oct. 23 hd under the command of , U. S. Navy, , 18 97 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commence and until 400 AM Overse last half dight aire from 5 St. first half, from East thirty hour: chifting to 1.16 last how. Fire tanked fin two toilers. Seo. M. Milian From 4 or Am to 800 AM bruge Grom A. S. C. Starometer rain. Light airs to gentle bruge Grom A. S. C. S. Sarometer raing. Regisser on brand in Dept. Desplie of flects. 96 the bread of 120 lbs. Just, but y regulables. Tur English then of war in harbor shifts borth. Lientenant W.S.N. From 800 AM to Meridian From o - 1. 1 to Meridian Overcast to cloudy - Light to gents buye from the East to 6. 5. 6. Absent without leave I Dohnzan (a. 3. C). By order of Comba Officer relieved & Travel (a. 3. C) from confinement, his term having Jeapine. In Office from H. B. M. S. Callufe returned boarding visit. returned boarding visit. Meridian to 40 P. M. Couldy and pleasant-hight airs and breeze Jom E. Sty E. By order of Comply.

Their released H. M. thrappalack (2.3.2) Jum confinement. At 12 Callys are hapler

It must and promulation to findings and sentences in the case of

9. Helf and I Mileon appendition of Class receipting tries by a Summary Court Merica

which found the appelication proved after sentificant each to solitary

configuration and for things days in doubt some on break and order

and the series where approved but so musting to the sentences and involve

another iron was remitted and the question of loss of pay referred

to the Secretary of the Pary. Distilling. Mr. W. Hayens From H= P.M. to 800 J.M. Cloudy and misty - Light breeze to light aire from the East. Motherline Lientenant U.S.Sr. From goo J.M. to Midnight.

light Cloudy to overcast hight airs and breeze from East and S.E first hast light to graph to reeze with moderate equalle last how from East remainded of watch. Stopper distilling at 933 At Alliening Ensign John Stewart Sient & Navigator.

LOG of the UNITED STATES Ship Essa At, anchor in Sitrallar Bay

312 Rate,

			Dandling		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			lear bs.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
A. M.				East	East	14			30.23					b.c.m	en	8	
2				"		3.4			30.21					"	,	2	
3					,	4			30.21	68	66	66		o. c. m	"	0	
4				4		3.4			30.19	68	67	67		"	1/	0	
5				ENE		2			30.18			67		o.c.m.d	nin	0	
6				,,		23			30.18	68	67	67		o.s. m. f	"	0	
7				ExN		2.3			30.18	67	66	66		"	4	0	
8				N. ExE	6. S.E	3			30.19	67	66	66		"	"	0	
9				S. S. E	6. N. E	3			30.20	67	66	66		0, c. m	1	0	
10				ELS	.,	3			30.21	67	69	67		.,		0	
11				Ext	East	3			30.21	68	68	67		111	"	0	
Noon.				N. ExE	"	3			30.19	68	69	68	1	t. c.m	"	1	
									1								

Course and distance	e made good since preceding noon by observations,	knots.		tenths.	
	Latitude by D. R.	•	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of O	0	,	"	
	Longitude by chronometer from Forenoon Observations of ②	0	,	"	
	(Latitude by	0	,	11	
Position at 8 A. M.	Longitude by	0	,	"	
	(Latitude by	0	,	"	
Position at 8 P. M.	Longitude by		,	"	
Current during the	time, knots tenths per hour, setting to the				
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0			
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used, o	
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0	,	"	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used, o	
Water expended du	ring the preceding 24 hours,	500	,	gallons.	
Water dis	filled during the preceding 24 hours,	600		"	
Water remaining o	n hand fit for use at Noon,	2900		"	
Coal consumed dur	ing the preceding 24 hours,	/ tons			
Coal remaining on	hand at Noon,	130 "	162	0 "	

. М.	Ex N	East	3	30.16 69 68 67	1	en
1		Cass	3		b.c.m	num
2	East	"		30.15-68 68-67	11	" "
3	"	,	3	30.15-68 68 69	"	" 2
4	,	"	2	30.15 68 68 67	"	4
5	Variable	"	/	30.17 69 68 67	"	, 3
6	Sourt	South	1	30.28 70 68 67	111	" 2
7		,	2	30.25-21 68 67	b.c.m.d	. 2
8	SxH	,	22	30.26716867	,,	" 2
9	South		3	30.267/67 67	"	4 4
10	J.S.E	S.S.E	3	30.26 7067 67	1"	- 1
11	S.S. H.	S.S. H	3	30.26 70 69 67	b.c.m. l. f	. /
fid.	South		2.3	20.25-70 67 69	b.c.mf	. 4

under the command of Commander E. S. Strong Sunday Oct. 24th , U. S. Navy. Commences and until 400 AM. Clear to overcast- James to moderate Ely buye. P.P. Lacken-Ensign From 400 AM to 800 AM East to 6.5 E. Received in Nept. A 5 + Placets. It buy fresh breise from the each fresh breis and regulable. Easculit marning address. Motosless. From 8th I'M to Meridian Jesute heeze June E. J. E. and Cast. Mustines at Lyarter at J. J. Honoran (A. 3. J. Jahant-victions blave. Executive Officer inspector ship and crew. French Omiser Cosmas got underway and strong to the Et. Meridian to 400 9. M. Channel Signification of Joseph master colore with channel Significan; I horseld them Jagam at 335 OP tackers. From Hoo P. M. to 800 J. M. Sightaning to 52 last half Light airs from Cloudy and pleasant. Light airs to genete been from South remainder I walth. Bar riping. Lost reflet from lout board end of 544 formed tringstor value stem. From 800 9.M to Midnight Light to gentle bruse Jum SSC to SS & Passing chapters liters hour. I hightening the the SE first part. Or Locken Ensign John filmost , Navigator.

The anchor in

Ship Essix Bay 310 Rate,

			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of		lear hs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
. M.				S.S. 74	S. S. H	3			30.26					b.c.m	nin	14	
2				SXN		3			30.25					"	H	4	
3						3			30.25					"	"	4	
4					"	3			30.25	68	64	64		"		4	
5				" -	"	0.1			30.27	68	64	64		,,		3	
6				N. N. E	N.1.E	0.1			30.19	69	65	-65	-	"	1 "	3	
7				" "	1.8	0.1			30.29	68	65	65		4	gr. cu	4	
8				North	N. H.	0.1			30.31	68	66	66		"	nim	4	
9				Sx E	Ext	1.2			30.3/	66	66	66		"		5	
10				SE	"	2			30.31	67	67	66		"	1	6	
11		1	1	V.ExE	N.E.	2			30.3/	69	70	68		"	"	3	-
oon.				"	6 N. E	23			30.29	69	70	68			-	2	

Course and distan	ce made good since preceding noon by observations,		knot	3.	tenths.	
	Latitude by D. R.			,	"	
Position at Noon:	Longitude by D. R.		0	,	"	
osition at Noon:	Latitude by observations of O		0	,	"	
	Longitude by chronometer from Forenoon Observation	s of O	0	,	"	
	(Latitude by		0	,	"	
osition at 8 A. M.	Longitude by		0	,	"	
	(Latitude by		0	,	"	
osition at 8 P. M.	Longitude by		0	,	"	
current during the	e time, knots tenths per hour, setting to th	e				
error of the Comp	oass by Azimuth ⊙ observed at , ship's head		0			
eviation of the C	ompass by Azimuth ⊙ observed at , ship's head		0	,	variation used,	0
error of the Comp	oass by Azimuth ⊙ observed at , ship's head		0	. 1	"	
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head		0	,	variation used,	0
Vater expended d	uring the preceding 24 hours,		5	00	gallons.	
Vater disk	tilled during the preceding 24 hours,		2	00	"	
Vater remaining of	on hand fit for use at Noon,		26	00		
oal consumed du	ring the preceding 24 hours,		tons	20	00 lbs.	
coal remaining on	hand at Noon		129 "	186	60 "	

Р. М.	16	5 1		30,29 68 68 67	f.e.m.	i-cu 2
1	N.E	Cast	2		v.c.m	- su 2
2	Nx H	Nest	/	30.1968 69 68	" "	N. 2
3	NXE	N.E	/	30.30697/70	4	4 0
4	N. N. E	Calm	0	30.30 69 70 70		" 4
5	1. 21.	5.2	1.0	30.31 69 69 68		4 4
6	South	South	1	30.3/696867	0.	, 6
7	Hest	Calm	0	30.85-69 66 66	f.c.w	en 9
8	V.E	V.E	1.0	30.35 70 66 66	,,	4 9
9	S.S.E.	East	/	30.37 69 60 60	"	" 9
10	South	N.E	/	30.3768 65-65	" -	" 9
11	S.E	"	1	30.3668 64 64	6, c. g	, 9
Mid.	A. N.E	"	1	30.37 68 65 65	6.c.m	" 9

Commander & Strong under the command of , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 AM love from S.S.Fr. Barometer steady. Al Sellen. From 4 or AM to 8th AM. Cloudy and pleasant - misty- Light airs. Pecuiro in Dept of Supplie. "Afacto. Presh provision as forthers. Bread 90 the Bell Iso like beglaster iso like. German Stander Eme cause in Jam Hecturan Jeachanged colors with her at 7th. Sho. M. muans From 8 or AM to Meridian

Jair - hight are to gentle bruse from 6 x M. to ME. At 9 or the Austrian Converte

Donard cank in and language. Vent an Officer to make brashing visit
which was returned. The Donard salute the port with 21 gum and the life
Admigal's flag with 15 gum, which salute were returned gum for gun typhe
shore taltely 17 Mari Respectively. At 92 mustere at guardets after which
exercises as follows: 14 to Divisions - Infantity 25 Div. Backey Find I made

Div. Junney Institution 4 to Centro true under Darry. Divers Burner of

Mari Junney Institution of the Centro true under Darry. work hlading plug in strif. Jonard Kingston to remove and repair value. By order of Conag. Officer released from confinement and restored to dulg John Ellis (9. M. a.) Ensign Meridian to 400 9.M. Meridian of Holling Sight variable bruge to calm fast how, Barometer steady, Carrote crum of the 30 and 4 to cultur-whaleboat and dingly at I toale under agree rist of apprentices at signals. Diver finished work at 22. Making preparations for sea. By order of Condy They defaul I Delland Control of Condy They defaul to the surface of Condy They defaul to the surface. From 400 P.M. 6 800 P.M the Justian Corvette Donas called Spicially. Hove in jost cham to for form. at ville. Making puparation for sea. From 800 9. M. to Midnight.
Olean and cool of gogy this how - Light air Jum East to N.E. Baronder steady.

Deflia. Abelling. John Stewart Navigator.

3rd Rate, Ship Ossex LOG of the UNITED STATES Lassage from Gibrall ar to Sunchal, Madeira COURSES STEERED by Standard Compass. Height Libra Halls, Bulls, Bulls, Bulls, Surface at Surface at Heel. A. M. AxX 30.36 68 64 64 S.E 1 30.37 67 63 63 30.37 67 63 63 30.37 67 63 63 2 Nx E N. N. E. A. H. H. 30.87 67 63 63 30.57 65 63 63 0.1 6 30.3965-63 63 7 30.4/66 63 63 S. J. C S. 7 3/4 S S. S. 7 3/4 3/4 3/4 3/4 3/4 12 8 30.4267 67 67 66 East Hest of 1/2 N 4 30.43 68 68 67 67 5 60 30.42 69 68 69 68 30.40 69 68 67 67 6.0, m W. N. H Noon. Course and distance made good since preceding noon by observations, $\mathcal{H}/_2\mathcal{N}$. 28 knots. tenths. Latitude by D. R. Longitude by D. R. Position at Noon: bearinge Latitude by et Dearings 50 50. Longitude by Latitude by Position at 8 A. M Longitude by S. R. Position at 8 P. M. Latitude by 35 0 321 7001. Error of the Compass by Azimuth O observed at , ship's head , ship's head Deviation of the Compass by Azimuth ⊙ observed at Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Deviation of the Compass by Azimuth ⊙ observed at 500 Water expended during the preceding 24 hours, Water distilled during the preceding 24 hours, 400 2500 Water remaining on hand fit for use at Noon, · 2 tons 720 lbs. Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 1140 "

2.25 P. M.	3	8	12.9	21. N. H										
1	5		27.9	21 1/2 01	East	6	30.39 6	9 70	68	67	b.c.m	Cu-sh	-7	S
2	9	2	37.1	"		6.7	30.85 70	0 72	70	67	"	"	7	11
3	9	3	46.4	"		6.7	30,35-70	0 72	70	67	"		8	"
4		8	55.2	,		6.7	30.8170	0 72	70	6)	"	"	7	4
5	8	1	63.3	*		6.7	30.22 70	20	69	67	"	"	7	m
6	7	5	70.8	,	6 x 5	5.6	30.33 7	1 69	69	67	,,	"	2	"
7	7	2	780	"	"	5.6	30.35-7				."	"	8	
8	6	4	84.4	"	,,	5	30.36 73	3 69	68	69	6.c	4	10	"
9	4	1	88.9		E.S.E	4	30.36 73	3 69	68	69	"	cum	9	3
10	3	5	92.4	,	7	3		3 69		69	",	11	9	J
11	2	5	94.9	,	4	1.8	30.37 73		168	69	4	1,	90	1
Mid.	0	5		7		1	30.37 7.	1 68	69	69	4	"	9	H
					**		/		1					

under the command of Commander & Strong , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 AM Riding to current! Starler Jun under Borber " at 3 0. Baromelir strady J. A. Jordan. W.S. J. From 400 AM to 800 AM

Fair and miety. Calma to light variable airs. At 700 got under may

and stood out of Bay of Gibrallar under pleam afone. Rommanding

fficien at the Count. At env standing through Straits of Gibrallar

under steam, alone steining various course. Av. pleam 40. At 18 fished.

Draught aft 1/6-10" ford = 14" 6".

Orangh. aft 1/6-10" ford = 14" 6". From 800 AM to Meridian Clear cool and plianant dight to fish breeze from Cast. Dar. stady. By order of Coundy. Officer changed course to Mest all gov at 102 6 H 1/1 shill lat 102 6 H 1 H 1 Supporter patient los at go reading 0. Set clock ahead 15 minutes. At 102 callet all hands in ake esse and made rall squere sail to wyals except mainpail. At 112 hove to on port lack main topsail to mast stopped engines and uncopler propeller, look in wyals after heaving to set pantes and get 10 1/2 eg barla away again of work and toth in spanter and both royale. Santa aspeant at 10th wight Sunch Guntout Comaso standing to Sangier. In English torpies boat crossed the bow and short to St. I get first die out in boilers A my B. Distilling. A stam until 11/2 40. - ad rev. 48. huse from E. Bar Jalling Lea increasing. During a court of N. It inster from E. Bar Jalling Lea increasing. During a court of N. It inster from E. Gare to royale, except, mainsale, + J pit. Where by order of Courts, officer changes fourse let Wh. J. Exercist, officer changes from marlinghibe seamanship. Let fine die out in Beller I + B. and lowered emoke pipe. Meridian to 400 P.M. J. N. Irrdan dienter ant. USN From How P.M. to 800 P.M. Clear and pleasant Very frish to slift breeze from the East to 6 x S. But main tacks & sheets. Distilling. Dar rising. Mother was Motherline Suntant W.S. N. From 800 9 M. to Midnight.

Fair, and fleasant. Moderate breeze, gradually decreasing in force to light aira from E. S. E. Sterring course It. 1/2 V. Indeh jet law aguard pail to royale beautiff mainsail. I hauled in pat log. Lat 1125 reading 95.1. Dislictling.

Examined and found to be correct.

Examined and found to be correct.

Examined and found to be correct. John Witwall & Navigator.

					civing pas	11												
				Reading	-	WIND.				BAROMI	ETER.	TEMI	ERAT	TURE.	State of	Forms of	Hear the.	Ses.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cl. Sky, in 10tl	State of the
	A. M.		5		2/1/2 N	NEXT	1			30.36					l. w	none	10	8
	2		5		N.S.N	A. HxA	/			30.36					111	"	10	
	3	1	3		SN	u/	1.2			30.35	71	69	68	69	8. c. w	cu	7	
	4	1	5		S. HxH	N. 21	2		3/4	30.37	70	69	68	68		"	6	"
	5	2	6		SH x H/4H	"	2.3		3/4	30.37	70	69	68	68	"	Sir	5	4
	6	7	2		H 5.71	N. H x. N.	2		3/4	30.40	70	69	68	68	"	0 "	4	-
	7	1	4		115.71/2 H	4	1.2		3/4	30.41	20	69	68	69	t.c	Ji-en	3	4
	8	1	0		N. S. W 14 M.		1		1	30.42	70	69	68	69	"	",	2	"
	9		No	altra	age way	calm	1.0			30.46	71	70	70	69	"	"	2	4
7	10			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 5		0			30.47	21	21	70	69	"	4	2	
1	11	0	7		21 1/2 Sr	SxE.	1.2			30.47	71	70	70	69	11		2	4
-	Noon.	1	0	-	Nx St.	5. 7/x 71	2			30.47	71	70	20	69	o.c.d.	14	1	

Course and distant	ce made good since preceding noon by observations, H. S.H.	85 knots.	tenths.	
	(Latitude by D. R.	35 0 20'	" 1	
	Longitude by D. R.	7 0 30.	" 24	
Position at Noon:	Latitude by observations of ②	- 0 - 1	"	
	Longitude by chronometer from Forenoon Observations of ②	70 23'	" 11	
	(Latitude by DR.	350 2/1	"	
Position at 8 A. M.	Longitude by Ha 0	70 211	"	
		350 17	"	
Position at 8 P. M.	Latitude by DR Longitude by DR. Junn P. M. obo 0	70 32	u .	
Current during the	e time, - knots - tenths per hour, setting to the			
Error of the Comp	ass by Azimuth O observed at , ship's head			
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 '	variation used,	0 '
Error of the Comp	ass by Azimuth © observed at , ship's head		"	
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 ,	variation used,	
Water expended,du	aring the preceding 24 hours,	500	gallons.	
Water dis	tillad during the preceding 24 hours,	500		
Water remaining o	n hand fit for use at Noon,	2500	"	
Coal consumed dur	ing the preceding 24 hours,	tons 3	20 lbs.	
Coal remaining on	hand at Noon,	127 " 82	0 "	
		1		

P. M.							
1	1	3		2/ 1/2 N	East	11	30.44 70 67 65 69 f.c. m. p 1500 2 5
2	1	0		"		1	30.43 20 65 67 69 b.c. 4 , 3 "
3	1	2		- 4	"	1.2	30.43 71 73 70 69 41 4 4
4/50	1	4		"	€ 5. €	1.2	. 30.43 71 71 69 69 44 4
5	2	0	95.8	"	SEXE	1.2	30.45 71 70 69 69 G.c & in 7 .
6	2	5	96.1	"		1	30.43 69 70 69 69 4 1 7 4
7	2	9	99.0	"		3	30.43 72 69 68 69 4 8
8	2	5	0.4	4	"	3	30.45 70 68 68 68 4 cu 8 "
9	2	0	.9	,	"	2	30.45 73 69 68 68 8 4
10		V	No sta	irage way	calm	0	30.45-73 68 66 68 " ei-cu 7 "
11				4/ 4/	"	. 0	30.45-73 68 68 68 11 7 11
Mid.			4	" "	4	0	30.4472 68 68 68 G.C.W " 7 "

Commence and until 400 SM.

Clear to fair Heavy dev. dight airs to light brigger from N.E. N. to N. N. H.

Bar strady. At 24 432 dev abanker and maken tryshel tespectively the
course M. M. Jint hour. By the wind on styl there least while thouse
Under all plain sail to regale (except mainsail) and main trysail.

O.F. tacken

Grow 400 Mm to 800 AM.

Cloudy and evol- hight airs Jum N. H. to N. H. by N. Basometer rising.

Executive spanning orders of simshis distilling at 42° and let first all out.

At 100 set Plysho pet, fore topmast stayable and mainsail first in main bigsall. Lightlet ba steamer standing to Ho at 100. By the wind on starboard tack.

From 80 A.M. & Meridian.

Cloudy light driggling vain last how of watch. Calm and light aris to light before Geom It for S.M. It. Baronshir rising then clearly - Smooth sea. I stand a course It is It. and by the wings on I part lack under all sail to royale eacht mains al. It go hand its manual set it again at 10 2 g as g as mustered at quarters, exercised at paid drill. Inspector

Meridian to 400 PM.

Cloudy occasional passing chower 1st half hight airs to light bruge from the Cash to 6. 0.5. At 12 took in mainsail and expense. Ship logistically came to course it 1/2 It and making clurage way. Educated fore topinen at log and aftergrand at signale.

From Los J.M. & 800 J.M. Sight airs to gentle bruses Sum SE ty E. Bar strady rising last hour! Steering bourse H/J.M. At 42 set start fand clim of mainsail. At end under fore topmast stays all and plan sail to troyets except spanker and post clear of mainsail. Exchanged colors with a Janish stamer standing to the It and Et.

From 800 9. M. to Midnight SEXE first how - Calm lost the hour Rar Stady. I aught in pot long at 900 reading 9 at 1000 took in le clev of masswail & hauler down four topmast staypail, On course of h I forthouse way remainder of walth. Under all plain sail to royals except mansail & epanker.

Examined and found to be correct.

Examined and found to be correct.

Examined and found to be correct.

John Thront Consignar.

LOG of the UNITED STATE Making passage from Tibrallar to Tunchel Madeira 30.43 72 68 68 68 No steerage way 1 30.41 71 68 68 68 8 0 30.38 71 66 68 68 1.0 6. S. E 5. S. E 6. S. E 30.36 7/68 68 68 1.2 30.36 7/ 68 68 68 1.2 3036 72 69 69 68 1.2 30.37 72 70 69 68 1.2 30.3972 72 71 68 30.39 72 73 72 70 2.3 0.9 30.39 72 74 72 70 2,3 30.06 72 75 72 70 2.3 50 knots. Course and distance made good since preceding noon by observations, 350 /21 Latitude by D. R. 7 0 09. Longitude by D. R. Position at Noon: 35 0 22 1 Latitude by observations of O Longitude by chronometer from Forenoon Observations of © 7000. 350 201 N 70 48. Longitude by 350 18, 8 0 09. Longitude by Current during the time, - knots 45 tenths per hour, setting to the M. Deviation of the Compass by Azimuth ⊙ observed at , ship's head Error of the Compass by Azimuth O observed at variation used. Deviation of the Compass by Azimuth O observed at 500 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 2000 Water remaining on hand fit for use at Noon, tons 800 lbs. Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 21 1/2 N 21 1/4 N 5.5 30.33 73 73 73 70 30.33 75 79 75 70 30.31 73 79 75 70 30.31 73 75 72 70 10.3 22 11.4 11.9 40 30.31 73 74 70 70 ExN 30.30 73 70 69 70 30.30 74 70 69 30.31 75 70 70 70 30.3/ 75-7/7/ 70 . 11 occ b.c 30.31 75 71 91 70 30.29 74 71 71 70 sturage way 11 30.2972 7/7/70 O.C Mid

Commandey & S. Strong. under the command of , U. S. Navy, , 1897 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 AM.

Clear heavy dew. Calm to light aire from East last hour. Darometer falling Under all plans sail to royals except mainsail and panker, No starage way fust their thous.

Description From 4 an Am. to gor AM. Baromelle Jalling then richy - Smooth bea - Sterring a course H/2 N. Six Jordan. M.S.N. From 800 AM. to Meridian Jair warm and flearant- Light aire to gentle breeze. At 9 30 mustre at graster and them exercised sail drill. At 10 30 airest bedding. At end of watch a small brigantine was If post quarter about a mile distant standing to 975. At 10 28 fact out fat log reading 0.9. dientenant. U.S.V. Meridian to 400 o.M. Bar Latting then steady of 100 provided bruger from St 34 S. E. E. Bar Latting then steady of 100 provided broats for distant Service at 120 pat flow reading 155 changed course to 11 ft. Buf main 30 miggen topmast stappacts at 12 set them and at 30 hander them boton. It is get port cler of mainsail. At end under plan each to stypale except mainsail. Sto. Tr. murau From How J.M. & goo J.M. Cloudy from Ex N. & 6.56. Bar strady New moon set sat Jes. At 42 hands in pat log reading 11.9 and handwor set get lever of mainsail. I sailed afron any street flying jet at 50 0n course H'Ar under pit and all agrace east except petty. Clear of mainsail. Of tasken Ensign From 800 J.M. to Midnight av 112 Jest playboard clar f, maineail and spanker. No strange way second half of watch. D. I. Seller.

examined and found to be correct.

John Wytewarth Lint + Navigator.

LOG of the UNITED STATES Ship Essed 32 Rate, Making passage from Tibrallar to Tunchal Madeira wind.

Results WIND. RAROMETER TEMPERATURE State of Potent of The Potent of

1		1	1		WIND.				BAROME				TURE.			lear be.	800
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.	3	0		N. H x St	S.n	3		1	30.25	73	7/	70	20	f.c	Ci-cu	5-	S
2	3	3		"		3		/	30.25	73	20	69	20	"	"	6	4
3	3	5	11.9	,		3		1	30.25	73	70	69	20	4	"	6	4
4	4	1	16.0	1. H. X 1. H		3		/	30.23	73	70	69	11	"	"	5	"
5	U	7	20.7	N 2/2 1 3/4 W	SMXS	3.4		3/4	30.21	72	20	69	7/	0,0	grin	0	4
6	5	5	26.2	M. N. M	11 ,	34		3/4	30.21	73	70	69	7/	"	gri.	0	4
7	5	1	31.3	N. Wx W. 12 W	5.71	3,4		3/4	30.23	72	7.1	70	71	"	4	0	"
8	4	6	35.9	A. Mx W	,	8		3/4	30.24	71	7/	70	7/	"	"	0	4
9	4	3	40.2	,	"	3	1	1/2	30,27	71	7/	70	70	"	"	0	"
10	4	4	44.6	21 N. W	SHXS	3		1/2	30.27	11	72	70	20	"		0	
	3	8	48.4	N.N. 1/2 74	S.S. W	3		11/2	30.26	72	72	71	70	"	1	0	"
Noon.	3	2	51.6	"	SNIS	1		11/2	30.25	72	75	71	70	. "	"	0	1

Course and distance	e made good since preceding noon by	observations, N.N.N/2	W 46 knots.	tenths.	
	(Latitude by D. R.		35 0 35,	" N	
	Longitude by D. R.		9.08.	" H	
Position at Noon:	Latitude by observations of ①		350 341	" N	
	Longitude by chronometer from For	enoon Observations of ©	80 55,	" 8r	
	(Latitude by D.R.		35028,	" N	
Position at 8 A. M.	Longitude by		8036,	" N	
	Latitude by		35 0 35	" ~	
	Longitude by		9021,	" X	
Current during the	time, knots 4 tenths per	hour, setting to the			
Error of the Compa	ass by Azimuth O observed at	, ship's head	0 1		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 /	variation used,	0 '
Error of the Compa	ass by Azimuth O observed at	, ship's head	0 /	"	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 '	variation used,	
	ring the preceding 24 hours,		500-	gallons.	
Water	during the preceding	4 hours,		"	
	hand fit for use at Noon,		15-00		
Coal consumed dur	ing the preceding 24 hours,		- tons -	lbs.	
Coal remaining on		-	127 " 20		

P. M.	3	0	54.6	N. N. W	SSN	12	1/2	30.22	12	72	7/	20	o.c	ci-cu	0	5
1	1,	2,	55.8	grave grave	SAN	2		30.19					€.c	"	2	
2	2	5	19.4	Wx.N	SSN	2		30.19					o.c	4	0	4
	3		63.0	Hest	Sxx	3	1/2	30.21	72	72	7/	70	"	0 4	0	4
4	2	9	65,9	21.1/2 N.		3	13/4	30.19	72	71	7/	70		Jei-s	0	"
6	2	4	101	W 1/2 N	*	3		30.21					"	4	0	
2	3		71,3	" /201	"	3		30.23					he	ci-cu	5	4
	3	1	14.4	"	,	3		30.23				70	"	,	5	**
9	3	0	77.4	2/ 3/4 N.	"	3	1/	30.28	14	70	70	20	o.c	"	0	2/
10	1	0		N. H	1. 8. 81	2,1	1/	30.23	73	68	68		0. C. p	-	0	11
	0	5		A.N. H	MxS	/	1	30.23	72	68	66	70	0.c.m	"	0	11
Mid.			Mr a	turage way	Calm	0	0	30.12	72	68	68	70	"	4	0	"

under the command of Commander & Strong.

, U. S. Navy, , 18 97

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Comminces and writtle How AM Storing by the wind on Good lash under square solle to royale jet and seplanker - at 1's per flying git and fore topmast starpalls. But over par long at so reading 11.9 J. J. Jordan, U.S. A.

From 400 AM to 800 AM.
Overcast - Genete to moderate bruse from S.H. S. to S.H. Under pame pail so previous watch. Executer morning orders.

Mitalian William William

dientenant USA: From 800 AM to Meridian.

Overcast and pleasant dight and gente bruger from between S. It of go est main and migger between and plans of the Ment under fore main and migger between pail and plans pail to rougher. Due spailing vessely in sight to St and It. Me mustred at qualities and then went to Jenual duarter. Segan serving out small closer, and closing.

Meridian to 400 d. M lacenty to overeast- hight to gentle breeze from S. H. + S.S. W. Darmeter halling the riving - Served low, clothing + complet store. Exercised port hyalest at signale - Sleving by the from first by this hours; on course these remainder of watch. No change in sail. O.P. tacken

Ensign From 400 P.M. 6 800 P.M. Called all hands ruft topsails join on Jost Back under same paid as previous watch.

From 800 P.M. to Michonight.

Opercast - Could, passing showers - Tente breeze from S. It shefting to St. I at 9th steen to It x S pand dying out. Barometer steady then falling. Steering by the wind, on port tack under same sale as preceding watch! Of 832 tope in royale, flying jet main and program toffingst steeparter. At 922 took in maderial facts of fauther. My 322 part spanker. My 102 ast migjen tofinast staypail, at 1142 took them in.

J. As. Jordan, W.S.A.

John Stewart Navigator.

LOG of the UNITED STATES

| Ship Oscia
| Sandar | Ship Oscia
| Ship Os

-			_	1	1 1									Today Artists				
			Res	ading	•	WIND.				BAROMI	ETER.	TEMI	PERAT		State of	Forms of	Clear 10ths.	Sea.
Hour.	Knots.	Therete	P	of stent og.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Sky, in 10	State of the
A. M			78.	6	No steerage w		0.1			30.19	70	65	67	70	o.c.m. j	cu	0	5
9	U	3	83	9	West 0	1 Stx or	2.7		3/4	30.20	76	65	60	70	o. c. m. g, r	4	0	1
3	4	6	88	5	"	"	4		3/4	30.20	69	65	65	68	t. c.m		2	"
1	3	2	90	7			3.4		3/4	30.21	68	65	65	68	o. c. m. p	"	0	"
5	1	1	91	1	,	"	3		1	30.22	68	65	65	68	"	"	0	
6	1	2	92	9	21/45		3		1	30.23	68	66	65	68	b.c.d	2"	3	4
	1	6	110	4,5	21 x S	N. Wxn	3		1	30.20	68	66	65	68	t.c	fr- cu	3	"
7	1-	1	10	1	n.sn	,	3.4		1	30.26	68	67	65	69	"	Str	5	"
8	1	10	6	1	S. W x 2 1/2 W	1	4		1	30.32	68	67	65	69	"	"	5	"
9	5	4	1 11	.1-	. ,, ,,,	"	4		1	30.33	68	68	60	69		ci'cu	6	1
10	14	1	1.11-	9	4	"	3.4		1	3035	-68	69	66	69			6	
Noon.	3	1	19.	6	S. N by N	NNXN	3		11/2	30.33		69	66	69	"	"	6	"
		(100						

Course and distance made good since preceding noon by observations, S W x W 3/4W	67 knots. tenths.	
(Latitude by D. R.	1350 05" " 1	
Longitude by D. R.	9058, " 34	
Position at Noon: { Latitude by observations of O	350 041 " N	
Longitude by chronometer from Forenoon Observations of O	10 0 08, " 8	
(Latitude by D.R.	350 281 " N	
Position at 8 A. M. Longitude by	9056, " 2	
(Latitude by MR	340 511 " N.	
Position at 8 P. M. {Latitude by DR Lown 9 M No 0	100 15, " 8.	
Current during the time, - knots 3 tenths per hour, setting to the Hist		
Error of the Compass by Azimuth @ observed at , ship's head	0 1	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head ·	o variation used,	0 1
Error of the Compass by Azimuth @ observed at , ship's head.	0 1 11	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used,	
Water expended during the preceding 24 hours,	JOO gallons.	
Water during the preceding 24 hours,		
Water remaining on hand fit for use at Noon,	1000 "	
Coal consumed during the preceding 24 hours,	tons 800 lbs.	
Coal remaining on hand at Noon,	126 " 1460 "	

P. M.	1		19.6	SN 12 W	J. W x dr	3		\$0.8/					b.c	ci-cu sh	7	-
2	2	5		5 2 1/2 5	W. N. W	2.3	13/4	30.31	69	20	67	70	"	"	7	1
3	2	0	22.6	SN /s.W	NWXX	2	18/4	30.3/	69	71	6)	70	,	"	6	
4	2	2	23.3	SN 148	"	2	21/4	30.31	69	71	68	70	,	"	8	
5	1	8	25.0	SNIN	NXXX	1.2	3	30.33	20	70	67	70	,,	en	2	4
6	1	5	25.8	SN/27	NXXX	1.2		30.34					"	fr-en	1	4
7	1	5	26.6	SWXW/2W	NWXN	2	3	30.33	70	68	65	70	,	custo	8	1
8	1	3	27.0	SWXS	NxN	1.2.	2	30.35	71	68	66	69	,	"	4	4
9	2	0	-	"	"	2	2	30.35	71	68.	66	69	"	4.	7	1
10	2	4	-	S.S.N /2 N	,	2	11/2	30.35	70	68	66	69			6	-
11	2	0	-	S5 N /4 N	,	2	11/2	30.35	71	68	66	69	,	"	5	1
Mid.	2	4	-	55 %	West	2	11/2	30.84	70	68	66	69	,	"	J	1

under the command of John ander & J Grong Saturday Och so , U. S. Navy, , 18 97.

Commence and until 400 AM.

Described generally & rainy-clear over head 32 hour - Calm 1st hour - hight-airs to very Junch bruge from the North to Jest M. Under all plays sail to J. B. Is allo ea Ipt manipail of reading 18.6 and set mainsail and spanker. Hend ingreasing & eghally 200 hour. At 140 took in I still and at 200 hands Juplet mainsail. Him growing lights towards end of watch. Dar, rising plously Mithelia. From 400 am to 800 am fair. Finite and moderate bruge from Natt. backing to S. Wart Bar, rising. at 700 made sail to confall and set main and miggen topmast Jetageallo.

Bro. Minimum.

From 8 or AM to Meridian
Saw and pleasant Moderate to gents from 11. 11 x 1 and A St x St. Bar,
riving. Sterring by the wind on strift tack. No change in sail.
E. T. Lacken,
Ensign

Meridian to 400 P.M. pleasant-dight beege from N. It by It. Barometer steady. The Office of I. Downson, a deserte, were solet at auction for \$5.5% Close harles on stathward tack.

Description.

From 400 P.M. 6 800 J.M. Charge Strong by like wind on settly tack. No change of saile.

J. J. Jordan. W. Ik. Ik. From 800 P.M to Mednight bugge from Heaf & North to the Nest Under race sail except main trypail of at 800 haules in par log reading 27.

W.O. Hyeline U.S. N.

John Viturals Limit. Navigator.

LOG of the United States Ship Essea Sunchal Madeira 30 Rate,

			Reading		WIND.				BAROME	TER.	TEME	ERAT	TURE.			lear hs.	- San
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	Cintanteha
A. M. 1	1	6		S. S. N	HXN	2		1	30.91	70		66	69	f.c	cu	7	-
2	2	4		SxW 1/2 W	West	2.		/	30.30			65	69	0"	"	7	
3	2	0.		5501	"	2.4		1	30.30	10	6/	65	68	t. c, g	"	4	
4	-2	-		55 H 5x N 14 N	, "	2		1	30.29	70	67	65	69	长之	"	1-	
5	2.	0		N 80 1/4 24	Sn	2		1	30.28		68	65	69	"	"	5	-
7	2	5		N. N. W	SYXS.	3		1/2	3027	69	69	66	69	"	fr-cu	5	1
8	2	9	29.9	Jt. N x N	SN	3		12	30.27	69	69	67	69	"	ei: cu	5	
9	3		33.0	NWxW/2W	SYXS	3		1/2	30.27	10	69	68	69	"	gr	6	-
10	3	-	36.3	M.N.W	" C Y	3				69	110	10	69	,	la-en	7	
11	3	-	39.5	N. W/1 W	SH	4		1/2	30.29	1	1		70	"	frim	4	
loon.	7		44.5	N. W × W	"	1		12	00.29	10	10	-0	10	4	ci-et	6	

Course and distant	ce made good since preceding noon by observations, $\mathcal{SH}/\!\!\!/_2\mathcal{S}$	33 knots.	tenths.		
	(Latitude by D. R.	340 411	" N		
	Longitude by D. R.	10024,	" H		
Position at Noon:	Latitude by observations of ②	340 391	" N		
	Longitude by chronometer from Forenoon Observations of ©	100 27.	" H		
		340 361	" N		
Position at 8 A. M.	Latitude by OR O	100 121	" X		
	(Latitude by M	340 50,	" N		
Position at 8 P. M.	Latitude by DR from J. M. obs 0	10056.	" W		
	e time, - knots - tenths per hour, setting to the				
Error of the Comp	oass by Azimuth O observed at , ship's head	0 /			
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	0 1	variation used,	0	-
	pass by Azimuth ⊙ observed at , ship's head	0 1	"		
	Compass by Azimuth ⊙ observed at , ship's head	0 ,	variation used,	0	•
	uring the preceding 24 hours,	500	gallons.		
Water —	during the preceding 24 hours,		"		
Water remaining of	on hand fit for use at Noon,	500	"		
Coal consumed du	ring the preceding 24 hours,	tons 2000	lbs.		
Coal remaining on		125 " 1700	u		

Р. М.	,			(4 4 4 4 4							10		0	for en	1	C
1	4	5	49.0	N. Nx W/4W	SN	141	1/2	30.26	71	21	69	70	6.C	Oci-5	6	2
2	5	6	54.6	N. Hx XV	SWXW	4.0	1/2	30.25	71	72	69	20	4	. 40	6	4
	5	9	60.5	N. N 1/2 W		4.6		30.21					"	a-"fr	4	m
	.5	0	65.5	N. N 3/4 20	"	5.6		30.19					0"	V. "	3	4
5	3	8	69.5		"	5.6	21/4	30.18	69	68	66	70	L. c. p	4	2	4
6	3	0		N. WxW	SN	5.7	3	30.16	69	69	65	70	o.c. 9. 6	"	0	4
7	2	0		N. N /2 N		5.6	3	30.16	69	64	64	70	o.c. 9. 1. L	"	0	4
8	2	6		55 x 1/2 W	NXN	4.6	2/2	30.17	70	63	63	70	0. 6. 6. 3.	"	0	4
9	1	5		Sxx	Hest	3.5	3	30.13	70	62	61	70	o. c. rll	nim	0	11
10	1	3		S /2 W	HIS	1.4	3	30. 15	70	64			b.c. p.l	"	3	11
11		7		SxE/2E	SMIN	3.4	3	30.11	70	65	64	67	/	"	2	"
Mid.	2	0		,	"	3.5	3	30.11	70	65	64	67	,,	4	1	"
												/				

under the command of Commander & Strong Sunday Och 31°4 , U. S. Navy, , 18 97. Commence and until How AM so hour. At 30 pleasant dight buys from H x N. and Heat - Moderate squall sommer changes it and mingen topmast changes it and mingen topmast changes changes changes and playing all the main debt supposed to fund changes to fund changes to fund changes to fund the supposed to fund the supposed to fund the supposed to the supposed to fund the supposed to fund the supposed to fund the supposed to fund the supposed to suppose the suppose sup the wind on stoly lack making courses S.S. Ir land Siry, Sr. O. & dr. Su. W. Milians Ensign From How AM to 800 AM Palling Stering by the wind on put lack fine hour. Or son work ship; by the wind on put lack remainder of walch no change in Jeail. at 7 2 peut over par log reaving 27 ot kuchen, From 800 AM to Meridian Str by 5 & S. V. Barometer riging. 01 900 mustres lat quarter after, which County. There inspects chiff and crun. Yeld Divine Service. Clase hauted on post I talk under same skill an previous watch. Dollar. Meridian to 400 J.M. Sit i Strate Comment of rain to the Mt. Moderate to fresh bruge from S. It to Strate Basemeter Juling. Clearing by the wind on post tack under all sail to royale eaceful mainstrupail. At 14 hope in & Jurle royale and flying fish. It work in mainsail, started fixe in Bother I de authority of main furted and furted to the main furted and furted to the in and furted toppallant saile and miggen topmast staysail. J. W. Jordan, W.S. V. From 400 PM to 800 PM. occume lanke glighting the M. alculus and Most of the State from S. N. to the M. At the hardle flower main topinast state and Secure anchor in board. At 5' look a double relf in topsails & single rest in formal Haules down and stone jet all the water ship. at 700 on old tack reading S.S. N. N. Fires in B. boiler. From 800 J.M. to Midnight. Sourcast clearing at times-dight girs to slift breezes from retinent of S.M. It. Start house palaing chower remainder of match Stering by the word on still tack under four lopinast playact by aid spanting region relief of following and doubt prefet topsails, making courses believed & Mahn S.E. 1/2 E Banding and found or bocorrect in the tribe. Dr. Whin ams John leftwart Luck Navigator. Oppmed & T. Strong contr. West.

LOG of the United States Ship Gesel 38 Making parrage from Tibrallar to Sunchal, Madeira 30 Rate,

			-	0.	WIND.				BAROME				TURE.	State of		Clear 10ths.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the S
A. M. 1 2 3 4 5 6 7 8 9 10 11	2221123544	54748860266	76.8 81.4 86.0	\$ 144 \$ 34 E \$ 5 N \$ N 12 S \$ N 12 S \$ S N 12 N \$ S N 12 N \$ S S N 12 N \$ S S N 12 N	74 × S 74 × S	3,5 3,4 4,5 4,5 5,6 5,6 5,6		2 2 2 3 3 3 2/2 2 2	30.09 30.09 30.07 30.07 30.07 30.07 30.07 30.07 30.09 30.09	69	66 67 67 67 68 69 69	64 64 66 66	69	begil begil	eu-A.	5774443335	m
Noon.	4	8	90.8	S.S. W 9/4 24	. "	5.6		2	30./0	107	69	96	67	,,	4	6	

Course and distance	be made good since preceding noon by observations, $\mathcal{S}/\!\!\!/\mathcal{N}$.	26 knots. tenths.
	(Latitude by D. R.	340 /31 " 1
	Longitude by D. R.	100 341 " #
Position at Noon:	Latitude by observations of ②	340 141 " N
	Longitude by chronometer from Forenoon Observations of ©	100 34, " 27
	· Mp	340 30 , " N
Position at 8 A. M.	Latitude by	10 0 43 , " #
	(Latitude by VR. O PM.)	340 37, " N
Position at 8 P. M.	Latitude by NR from P.M. obs 0	10 0 421 " 88
Current during the	e time, - knots - tenths per hour, setting to the	
Error of the Comp	ass by Azimuth O observed at , ship's head	0 ,
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
	eass by Azimuth O observed at , ship's head	0 1 11
	compass by Azimuth ⊙ observed at , ship's head	o / variation used,
	uring the preceding 24 hours,	J 00 gallons.
Water disl		900
		900 "
	on hand fit for use at Noon,	/ tons /680 lbs.
Coal consumed du	ring the preceding 24 hours,	
Coal remaining on	hand at Noon,	124 " 20 "
Barrier St.		

Р. М.		5		S.S. 21 94 W									1	0		4
1	1	8	94.2	Nx 7 3/4 71	Wx S	4.57	3	30.09	70	20		69	f. c. 9	Ju-cu	4	m
2	3	8	98.0	· Xx XV	Nest	4.5		30.11				69	V. C. 91. 6	Je-cu nim	4	"
3	3	4	1.4	N 9 14 W	Nx S	4.5	3	30.11	70	69		69			6	
1	3	0	4.4	N. N. W	"	4.5	3		70	71		69	1.0	gi-cu	6	"
5	3	8	8.2	Nx W 1/2 W	West	42		30.11			65		b.c.91	gr. au	5	4
6	2	5	10.7		4	4.07	3	30.12				69	"	ei-eu	0	*
7	2	1/	12.8	N. N. H	NxS	4.5	3							ei-au	6	"
8	2	2	15.4	1. N. W /2 W	4	4.5	3	30.14						16	4	4
9	2	4	17.0	"		4w+	2/2	30.14	71	68	65	69	4	"	4	1
10	2	0		N. MxN	21.5.W	34	31/2	30.14	71	67	64	69	141	31	4	"
11	2	0		S.S. W. Shir	Hx N	3.5	31/2	30./3	71	6)	64	69	b.c. 9. l		2	7
Mid.	1	.8		S.S. W. 34 W	H. A. W	3.0	31/2	30./2	70	66	64	69	o.c. 9. 6 5	41	0	"
1	1												11			

Commences and until 400 AM commented and inderate breeze Jeon H. S. H. & H. A. Howing in equally with fassing shower friest and should have bounded falling. Steering by the wint on state tack whater Jane to June a state tack whater Jane to June a state to June age! Souther reeffer to praise main typail + phanker. Distilling.

From 400 AM to 800 AM cloudy and cool - Lighting to the Et first half of watch. Moderate tomorning orders . At 1st chook lout refet in topgails and four all and set git. Distilling. Close handes on starbant lach.

From 800 AM. to Meridian busy from the of to the M. Baronita riving then estady. Moderate Histority source. Stering the state as precious track, at self main topmast stay ail. At 915 hauter it down at 929 mustand at quarters, afterbards varienced apprentices at new station, Jurling, bosong, and manning year. Distilling.

J. S. Jordan. WSA Meridian to 400 PM Cloudy to Jair- Squally 1et they house with rain 2 and 3t houre. At 13'2 wore offin 1 21 12 on post tack heaving N x H 14 M. M 13 42 pet main tripail. I had very and haules suring squalle. Distitling Exercise whether

at log, signal & mat making. Motherline Dieter ant. U.S. N. From 400 J. M. to 800 J. M.

Bar rising. Steping by the wind on post tack making courses I. N. W. and N. S. M. M. M. at 5th surface ref in topsalle after eastering at reefing. At end under git for topsalle after found surface refer topsalle formal surger refer topsalle trysall and chanker Distilling. Sto. W. Wyllow

From 800 J.M. to Midnight Sport of Stranger Squally latter hast Gentle to stiff breeze veering during squals from H. S. H. to H. J. M. afen H. M. H. st close. Bas Galling Off 9" hauled in pat long heading 17 = at 945 hauled down to close the all 10" laten aback by equals; boxed off on claid tack and wore ship Stering by the wind on post lack under Jose to themast claysail, foresail, single reefed to peach, main tripail to peace of the common to be to be comed to the sail of the control of the

John Wytunk Savigator.

LOG of the UNITED STATES Ship Essex 32 Rate,
Making passage from Sibrallar to Funchal, Maderia

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.			ear bs.	Jea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	*Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the S
A. M.				, , , ,	M C						, .	,,,	- , .				
1	1	5		N. N. W	Mx S	3.5		3		-	- 1		-	0.c. q. l.	nim	0	m
2	1	8		a	"	3.5		3						6.c.9. L	"	6	11
3	1	9		*	"	4		3				65	69	f. c. g. l. f	"	5	
4	2	0			"	3.5		3	30.09	70	68	65	69	1		4	1
5	2	0		NxH	Hest	3.6		2	30.09	69	68	64	69	f.c.arl	"	3	11
6	2	0		Nx 7/2 2	21x5	3.6		2	30.08	69	66	64	69	f. c. a. 1.	"	4	"
7	2	0			"	3.5		2	30.08	69	67	65	69	"/	"	4	
8	2.	1		N/2 /	West	3.4		2	30.09	69	68	65	69	f.c	Ser	5	5
9	2	6		Ax of	"	3.4		3	30.09	69	68	65	69	b.c. 7. 9		5	4
10	2	6				3.4		3	30.08						ų.	5	1
11	2	6		Ax 21 3/4 W	n'x S	9.5		3	30.08						"	5	1
Noon.		6		N. 3/4 W	West	3.6		3	30.08						.,	5	"

		.C7 knots, tenths.	
Course and distance	e made good since preceding noon by observations, V. /2 W		
	Latitude by D. R.	(35°0 10' " N	
	Longitude by D. R.	100 400 " 31	
Position at Noon:	Latitude by observations of ②	35°0 10' " N	
	Longitude by chronometer from Forenoon Observations of O	100 411 " 34	
	(Latitude by D. 14.	35000 " W	
Position at 8 A. M.	Longitude by	10041: " 2	
	(Latitude by DYR	340 43' " N	
Position at 8 P. M.	Latitude by DR Com P.M obe 0	100 H41 " W	
Current during the	time, _ knots - tenths per hour, setting to the		
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o / variation used	1, 0 '
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 / "	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used	1, 0 .
Water expended du	ring the preceding 24 hours,	JOU gallons.	
Water distil	during the preceding 24 hours,	1600 "	
Water remaining or	n hand fit for use at Noon,	2000 "	
Coal consumed dur	ing the preceding 24 hours,	/ tons 800 lbs.	
Coal remaining on	hand at Noon,	122 " 1460 "	

						TT		Ī								
P. M.	3	0		S # /2 S	N.N. W	4.5	3	30.05	69	68	65	69	b.c. 9	Cu-N	4	m
2	3	5		", ", "	1.01.01	4.5	8	30.05	69	71	66	69	"	"	6	"
3	4	0		4	"	4.5	3	30.05	69	71	67	69	,	*	2	K
4	3	2	17.0	s. H	N'MXN	4.5	3	30.05	69	7/	67	69		4	7	4
			24.3	S. W. W	N.x W	4.5	3	30.07	60	71	67	69	"	4	5	4
6	1	2	25.5	S. Wx W/2 W	N. H	4	3	30.67	69	69	66	69	4		6	4
7	2	8	28.3	S. W. S	N. A. W	4	3	30.07	69	68	65	69		Ou .	4	.4
8	4	2	32.5	S. S. W. 3/4 N.	"	4	J	30.07	69	68	65	69	4		6	4
9	4	5	37.0	SS. 2 1/2 7	21 x N	4		30.08						Cu-w		
			41.2					30.08						"	5	
11	4	4	45.6	SNXS	21. N. W	4	2	30.08	69	68	65	69	11	la. en	5	"
			49.6	571/25	"	4		30.08						Ja. en	6	4
1														1		

Merchan to 400 S.M. Squary-Moderale breeze with diff equally from M. N. N. ami V. H. 201. De the wint on starboard tack under same said as securing watch, making course S. N. I. S am S. N. During 30 Berror leaveress for watch 30 Div. at signals. 20 Div. heaving leave, 124 I Production and surpressed from watch 30 Div. at signals. 20 Div. heaving leave, 124 I Production of the watch as fellows 1/4 Div. Leave 200 Div. Stering. 300 Div. Gears for Div. Div. Compass. Distilling.

From Has J.M. to J.M. to J.M. to John N. M. backing to M. M. M. latter part. Bar. strady. At Has claved down major topsail, referred clarboard lich and reach the M. S. secretice all hands at redging topsails of Jonesail. As the self main and miggen topmark staysaile. Steining by the wine on other tack under all topmark playsaile. Jonesail, main trysaland parken. Destilling

From 800 J.M. to Midnight Moderate breeze from It x It to It. St. M. Barometer steady. No change in sail. Distilling. Plove hauled on starboard tack:

Examined and found to be correct.

John Hinash Lind - Navigator.

LOG of the United States Ship Essia Rate, Making passage from Fibrallar to Funchal Madeira.

			Reading		. WIND.				BAROME	TER.	TEME	ERAT	URE.			lear bs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.		1		ccw/ y	HxA	4		2	81.05	69	67	65:	-69	0	0	,	-
1 2	4	9	54.5	S. S. H / H	77 X 01	4		2	30.06	69	-	65	69	Tr.C	cu	6	m
3	4	2	62.7	11	. "	3.4		2			-	65	69	,"	Ju-cu	8	"
4	4	2.	66.9	4	1 11 11	3.4		2	30.05	69	68	66	69	L.c.l	"	1	"
5	3	3	70.2	S. N 1/2 St	St. St x St	3.4		1.	30.05	69	18	66	69	4.C	frien	7	"
6	2	7	72.4	S. 8 14 01	J. SV X W	1		111	30.06	68	68	66	69	"	Set	5-	5
8	2	0	75:3	",	"	2		11/2	30.07	68	68	66	69	b.c. f.	ning	5	"
9	1	4		S. Hx H	St. Hx St	2.3		2	30./09	69	68	67	69	t.ch	crifs	6	"
10		50		n'sn	"	2.3			30.09	69	70	68	69	"	cii	6	"
Noon.	1	0		S Wx W/2M.	"	2			30.09		70	68		"	"	4	4

Course and distant	ce made good since preceding noon by observations, $S / \!\! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	72 knots.	tenths.
	Latitude by D. R.	33 0 53-1	" A
	Longitude by D. R.	10 0 30 1	" 74
Position at Noon:	Latitude by observations of ①	330 56'	" X
	Longitude by chronometer from Forenoon Observations of ②	100 48.	" H
	(Latitude by A.R.	340 00 .	" N
Position at 8 A. M.	Longitude by Obs. O	10046	" It
		3805/1	" N
Position at 8 P. M.	Latitude by N.R. from P.M. obs 0	100 531	" X
Current during the	, /		
Error of the Comp	oass by Azimuth ⊙ observed at , ship's head	0 , 1	
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used, . o '
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 /	u .
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, o
Water expended d	uring the preceding 24 hours,	500	gallons.
Water disli	the during the preceding 24 hours,	1000	"
Water remaining of	on hand fit for use at Noon,	2500	"
Coal consumed dur	ring the preceding 24 hours,	tons /360	1bs.
Coal remaining on		122 " 100	"

P. M.							1				1			
	2	0		S.N. 1/2 24	N. Wx W	12	2 8	0.08 69	69	67 69	V.c	cu-s	3	S
2		0		,,,,,		2	2 80	0,08 69	696	18 69		0"	4	4
3	2 1	2		S.W.	,	1	2 30	0.0970	72;	70 69		fi-cu	4	"
4	2	20		5.81/45	N. N. W	2	2 30	0.10 71	72 .	70 69		4	4	
5	2	0.		S. N x S	*	2	2 30	0.07 70	7/	68 69		4	4	4
6	1	8		A. N. W 1/2 W	WXS	2	19/4 30	0.07 71	69	69 69		Cu-N	4	1
7	2	45		/		2	11/4 30	0.0872	69	69 69		"	4	"
8	1	5		N.W.	SWIN	1.2	2 30	0.10 72	69	69 69		0"	6	1
9	/	5				1.2	3 3	0.10 73	69	69 69	"	Ja-cu nim	5	11
10	2	3		A. 7 /4N	"	1.2	2 8	0.1172	.69	68 69	,,	Qu- cu	6	4
11	3	13			"	2.3	1/2 3	0.11 72	69	6869		11	6	. 4
Mid.	3	9	75.3	N. 81	"	3	1/2 3	0,1171	696	18.69	,,	"	6	14
										200				

Commander & S. Strong. U. S. Navy, , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Clear and until How &M. Clear hour of watch. Sente to moderate breest from It x It. Baromilie falling the stray. Stering by the wint on still tack under topsaile foresail git, stays alice, man tripail and aparteer. At 200 stripper distilling and allower fries to die out. From 400 AM. to 800 AM. To See AM. Clear to Saint bruge John S. H. X St. to S. H. paring showers last hour. Thushed bilger - Executed morning orders. M. Huline dientenant. US. A From 8 - AM. to Meridian

Fair and pleasant-hight to gentle freque from N. 11 x t. By the wint on

starboand tack making courses SH. Af hi 11 SH. At 800 lest light paile.

Of 9 = set mainsail from took in trysail. At end under ford-main and

migne lopment stayracter and plant sail to royale - Muslime at quarters

at 1932. Enercise of at general pail drill. Aire I bedding.

Bes. W. Williams,

Energy Meridian to 400 9 M Change Jum N. H. W to H. S. H. Sterring by the wind on still tack ! Not change in sail. O.P. Lucken From Hos J.M. to 500 PM.

Darometer rising at the wore ship. It states all hande reef top asile and course. Buy the work on part lack under same sail as green water. Oneign From 800 P. M. to Midnight movement of a dight axis to gentle breeze from S. W. M. Dahrmeter rising then steady. Steading by the draw of fort lack under same Isail as greekeding gwalth. At 8'2 handed down flying jit.

J. Jardan, U.S. V. J. M. Jordan, W.S. N. John Stint - Navigator.

LOG of the UNITED STATES Ship Tosix Junchal, Madeira Rate,

			Panding		WIND.				BAROMI				URE.			lear bs.	- Gan
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
. M.														1			
1	3	9	79.2	N. W x dr. 3/4 W	S.W.	3		3/4	30.11	71	69	68	69	t.c	Ci-cu	5	
2	4	2	88.4	2. N. W. 1/2 W	S. NxS	3		3/4	30.11	20	69	66	69	"	"	1	1
3	4	7	88.1	. "	"	4		3/4	30.10	70	69	68	69	"	"	2	
4	5	3	924	"	"	4		3/4	30.10	70	69	68	69	"	,	7	
5	5	4	98.8	H. N. H	"	4		3/4	30.10	70	69	68	69	"	"	7	
6	5-	6	4,4	2. N. N/282	"	4		3/4	30.11	70	69	68	69	11		6	
7	5	7	10.1	Wx N.	5524	4.5	-	3/4	30.11	70	69	69	69	b.c.91	fr- cu	5	1
8/	6	4	16.5	"	"	4.5		1/2	30./3	20	69	69	69	1.		2	
45	4	8-	21.3	24 1/2 N	5.7	4.5		3/4	30.15	71	71	70	70	f. c, g. p	"	4	
0	6	4	292	"	"	4.5		3/4	30.13	71	72	70	70	t.c	"	4	1
1	6	9	36.1	,		5		3/4	30.13	72	72	70	70	"	"	6	
on.	6	1	42.7	,,		5		3/4	30.12	72	72	70	70	4	,,	6	

Course and distance	e made good since preceding noon by observations	s, 21/45	79 knots.	tenths.	
	(Latitude by D. R.		1330 54	" A	
	Longitude by D. R.	4	120 241	" X	
Position at Noon:	Latitude by observations of O		330 550	" A	
	Longitude by chronometer from Forenoon Obser	rvations of O	110 24'	" 27	
	(Latitude by D. P.		330 591	" N	
Position at 8 A. M.	Longitude by		110 531	" 7	
	(Latitude by DR		330 4/1	" N	
Position at 8 P. M.	Longitude by D.R.		180 28,	" 81	
Current during the	time, _ knots - tenths per hour, setting	ig to the			
Error of the Comp	ass by Azimuth ⊙ observed at , ship's he	ad	0 ,		
Deviation of the Co	ompass by Azimuth O observed at , ship	o's head	0 1	variation used,	0 '
Error of the Comp	ass by Azimuth O observed at , ship's he	ad	0 1	"	
Deviation of the C	ompass by Azimuth O observed at , ship	's head	0 ,	variation used,	
Water expended du	aring the preceding 24 hours,		500	gallons.	
Water	during the preceding 24 hours,			"	
Water remaining o	n hand fit for use at Noon,		2000		
Coal consumed dur	ing the preceding 24 hours,		tons 144	10 lbs.	
Coal remaining on	hand at Noon,		121 " 90	0 "	

P. M.	22	j	44.7	H. 1/2 N West									1	0	-	
1	3		30.0	21 1/4 5	South	5.6	3/4	30.09	72	72	70	70	4.C	fr. cu	8	m
2	6	9	56.9			. 6	3/4	30.09	72	72	69	70	A"	4 "	6	. 11
3	6	2	63.1		1	6	1	30.09			69	70	E. c. 9	nim	2	4
4	6	8	69.9		"	1	1	30.10	72			68			1	4
5	6	9	76.8		*	1	1	30.10			68	68			2	1
6	6	2	83.0	"	*	1	1	30./2	72	71	68	68	bc.		2	
7	6	2	89.2			1	1	30./2	73	7/	69	66			1	4
8/	6	0	95.2		•	1/	1	30./2	73	71	69	68			1	"
1/10	1	1	96.3	21 3/4 5	*	47	1/2	30./2	78	20	69	68			1	57
10	5	9	2.0	14.	SVE	4.6 -	1/2	30.11	73	70	69	68	-	"	2	11
11	5	4	12.4	•		4.6		30,11		70	69	68			1	4
Mid.	5	1	17.5	,	*	5-	1/2		72	70	69	68	0.0.91		0	"

under the command of Commander & Strong , U. S. Navy, Thursday Nov. 4th , 18 97. Commencer and until 400 AM. Fair to clear - Sente to moderate bruge from S.M. to S. M. S. Under net pail except iflying jet and main bysail. Moon set at 1. I From 4 and M. I for AM.

S. Fair to cloudy- Moderate bruge with sliff squalle last half from
S. H. S. and SS. H. Bar. neing. Stering be the wind on port tack
making course of S. H. and St. N. H. H. M. until 60 o'clock after
which petering course hx St. At Jo book in and Jures soyale.
We sent under Jose main and miggen topmast standals and plan gail
to top gastant pails. Sighting the bounke of a steamer on starteness for
last hour. Lientenant. W.S. A Dro. W. Nunaus Energy From 800 AM to Meridian,
Jain. Moderate to still fruge Jum Sx H Bar, stiady. At 900 muster and
inspected at quarter after which exercised Differing as Delove: 10th
Jerror. Powded, 2° 30 × Port watch 1 10th Junning Institution. At 8'th
watch 10th pegnals, 2° Jerror Seamahohip Suntingetion. Of 8'th changes
course to H1/2 J. (9. d. 21.3) At end on course 11/2 Jr. No change to sail. Of Lackson Olean to cloudy. Will to Just buy Jom South. Bar strady. By order of Coundy. Officer Ich angul comme to thest at 12's and at 12'd to 14'45. Nat 12's capter away all boats armed and equipper for dio. lant service, after which exercises port watch of applicated as follows: 34 Dir. compare all others signals. At 25 look in literalement sails and many manyer topmast claysaft. Sighter a bark on lee four stanging to St and H2. Meridian 6-400 P.M From Has P.M. 6- 800 PM cloudy occasionally breaking away head breeze from bout Bar ning than strady Strong a bonne Holy & Sunder sand sail as preceding whath got 1530 tooks single rest in topsails. A sailing vessel in sight on her born standing to the Stand Ho Lieulinant. US. N. From 800 P.M. to Midnight fresh breeze from the South to S.E. Squally 10th part of whath I water South to S.E. Squally 10th fast of whath I want to be shown get & main topmast stayshail.

Mathelice

Scientific M. S. W. S. M. Hulene U.S. N. John liftewart la Navigator.

		T	-	Reading	7-	WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of		lear be.	Sea.
Hour.	Knots.		Tentum.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. 1		- 4	4	22.9	21. 3/45	SxE	5		1/2	30.07	72	70	70	68	· f.c.	eu	2	m
2		- 6		18.5°	4	4	5.6		1/2	30.67		70	70	68	6.c.4.		4	*
4				33.9	"	4	5.6		1/2	30.09	-	70	70	68	1"		4	"
5	1.	- 0		44.1	"	South	5		1/2	30.05	72	10	70	60	v.c.d.g	"	3	
7	5.	- 9	7	55:1	"	*	5.6		1	30.06	73	7/	70	68	0.0.9	,	0	4
8 9	3	8	-	60.9	West.		6.7		3	30.07	73	72	70	68	0,0,9	Qu'en	0	* "
10	3	0		66.5	2/2.N	SXX	5.6		4	30.10		72	-	68	4. c. g	Sei-s	3	
Noon	1	0		72.3	N. Jr. H	SHXS	5,8			30.05		70	69	69	f. c. g. p	Cu-r.	3	

		2/ (1/5/	2	
Course and distance	ce made good since preceding noon by	observations, Sr. J 1. 180	V. 75 knots. tenths.	
	Latitude by D. R.		1 33 ° 20' " N.	
	Longitude by D. R.		140 521 " %	
Position at Noon:	Latitude by observations of O		330 21' " N	
	Longitude by chronometer from Fo	renoon Observations of ⊙	140 50, " #	
	(Latitude by DT		830 /5" " N	
Position at 8 A. M.	Longitude by		14037 " 8	
	(Latitude by D. R		330 2/1 " N	
Position at 8 P. M.	Longitude by D. R		140 58: " 8	
Current during the	e time, - knots - tenths per	r hour, setting to the		
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 '	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	o ' variation used,	0 '
Error of the Comp	ass by Azimuth O observed at	, ship's head		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	o ' variation used,	
Water expended du	aring the preceding 24 hours,		500 gallons.	
Water	during the preceding	24 hours,	"	
Water remaining o	n hand fit for use at Noon,		1500 "	
Coal consumed dur	ring the preceding 24 hours,		tons 800 lbs.	
Coal remaining on	hand at Noon,		121 " 100 "	

P. M.	1	2 2	74.9	S.S.E	SWXW	19.5	5	30.05	72	69	67	69	8.0.9. 6	Cu-St.	-	m
2	1	2			"	3.5	5	30.03	71	21	69	69	1.E	. 4	2	
3	1	2			Hx S	3.5	5	30.03	7/	71	69	69		"	4	10
4/	1	8		SXE	N. S. W	14	J	30.05	71	20	68	69	4		2	"
50		7		2. N. A /2 W		34	3	30.06	71	70	69	69	4		2	4
6	2	8	73.4	Wx N	S.S.M	3	1/2	30.08	172	70	10	69	4	en	2	4
7	3	8	77.2	21/2N	S.S. H	04	1/2	30.09	73	70	70	69	o.c	nin	0	
8	4	3	77.2	2 3/4 N.		4	1	30.10	72	70	70	69	"	"	0	"
			82.0	N.SW 1. W	South	3	2/2	30.09	73	70	69	69	1,	"	0	"
10	1	5	-	West	SxH	4							f.c	a:cu ci-s	2	"
11	1	4		Wx N	5.5.71	4							b.c.l	.,	3	4
			-	2. A. N. 1/2 74	5 21.5	4							o.c.l		1	

Commences and until 4 00 AM Cloudy and pleasant. Still breeze with Just squally last half, Jim Sx E. Obscured missight until three Storing course H 44 S under Jone topmast stansach, single reefer topsaile-courses and spanker. Baromete settady

Gro. T. Trunamo Eneign

From 400 AM to 800 AM
Cloudy to overcast - Squary. Still to Just breeze from Sx Cand South. Bas,
unstadoy. At 702 startoand litel of main Clopsail carrier away at
122 prist cringle; look a sicond reel and rest it. At 742 look 22 press
in fore Standail. On course 11 1/4 & farry making it last hour. It had under jok topmast staysail, double reefle topsable, course by spanker

> Of tacken Onsign

From 800 A. M to Meridian Short of the Meridian sample have pain equal last how. - Such trees to moderate gate from ShiShris. Dar falling at 12 took a single reef in the mainsail - lat 8 th hauter flower head of spanker and at 8 th caller all hands right to peak and both close reef in to peak single help in foreail - mister at guarters at 9 the which divisions were exercise as followed border 1 the survey as fortant on the stand watch of the comments of solvention, plantorar watch of the comments are survey and the forten minutes. At 11 the wore chip for a new equal. Of ent of watch maring people.

Meridian to 400 P.M. Sair with passing sain aguals light part of watch. Sente to slift bruge from SW: Who is to Barbonella falling the vising Moderalt sea. Steering by the wind on stiff tack under saint salt as preceding watch. Or 15 Christian bending main topsail close reefed, and set it. Or 15 exercise apprehities at signals and learning gen. Or 352 at setting up.

Lieutenant. W.S.N. From 4 = J.M. to 800 J.M.

Cloudy to overcast. Tente to moderate buye from H. S.W. to S.S.M. at 4" work ship and get mainsall. We 4th on setty tack heading M. S. M/h M. M 4th church rule out of courses & his rects out of topsails & set pist & main topmast stayand. We to put over fat log seating 184 M 7th tops a second reef in topsails, beingle need in manual and hauled down jet + main topmast stayand. But rusing

Gro. M. Mellvarue,

John W Stewart It oxavigueur.

Ship Essex LOG of the UNITED STATES from Gibraltar to Junchal Madeira Making! bassage COURSES STEEREI A. M. 30.06 7/64 68 69 ocem f 30.07 7/68 67 68 ocem f 30.06 7/64 64 68 ocem.r.l. 0 2. N. H SYLS 4.5 2 0 1 HXN SSW 2 2 S. St. 24 4 2.3 2 85 Mr. S. 24 3 30.05 70 64 64 68 2. N. 21 30.05 70 66 65 68 30.06 70 66 65 68 0 No steerage way 0 30.00 70 66 65 68 6 cm 30.00 70 66 65 68 6 cm 30.09 70 67 66 69 ... 4 30.12 69 68 67 65 4 30.16 69 65 65 65 0.0. 6. 6 St. S. 24 3 3 8 SxE SSE SEx S S.E 9

4 30.13 69 67 66 69 b.c. p

S. S. N

10

11

Noon

0

Course and distance made good since preceding noon by observations, J. H./8J. /0 knots. tenths. 980 16' Latitude by D. R. " 24 150 07 Longitude by D. R. Position at Noon: 330 19 Latitude by observations of O 2 140 537 Longitude by chronometer from Forenoon Observations of O 330 26' Latitude by Position at 8 A. M. obo. o 150 001 Longitude by N 330 271 Latitude by 140 47. knots - tenens per hour, setting to the Current during the time, Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at , ship's head variation used gallons. 500 Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, tons Coal consumed during the preceding 24 hours, 121 Coal remaining on hand at Noon,

P. M.	-	all.	No ake	mow soan	H. A. H.	1		30.11	69	69	68	69	bc	ci-cu	4	5
2				. 1	A. N. H	2		30./2	69	69	67	69	"	4	5	12
3	/	2		S. 24	N. N. H	2	3	30.13	69	70	69	69	.,"	0"	5	"
4	/	8		SMXS		2.4	3	30.14	69	70	69	69	f.c. 9. 6	Ji- an	4	
5	2	2		S.S. W	Wxx	2.	2	30.16				69		"	6	
6	1			South	21 x S	2	2	30.17	71	68	66	69		Cu-s	8	
7	2			N. W. 1/4.N	S. Wx H	2,3	1	30.19	71	67	66	69		Ju- en	8	
8	3	5	81.1	Jr. H	SW	4	1	30.20	72	68	67	69		1 "	9	
9	5	3	86.4	1. 2 x 8 1/2 24	,,	4	1/2	30.20	72	68	67	69	,	"	8	,
10	5	5	91.9	N. Wx W 1/4 W	"	4.5	1	30.21	71	69	68	69	,	"	7	
11	6	1	98.0	N. Nx N/N	"	5	1	30.17	7/	69	67	69	,,	"	18	
Mid.	4	6	2.6	N. Wx W 3/4W		5.6	1	30.16	71	68	67	69			6	

under the command of Commander E. Strong Saturday Nov. 6.4

, U. S. Navy, , 18 97.

Commences and until Hoo A. M. Dyricast, passing showers Just part continuous rain third hour. Cliff to light bruge very from Stath At It. St. H. Bar. Jacking. It is ware ship. Stering by the wife on starboard lack; at end, under fore bounast stayeail double trufer to frache, foresail, ungle ruft mamaail and spanker. DI tacken Ensign. From 400 AM to 800 AM Overcast to cloudy last half of watch. Calm to light airs from MAN & H.S.H. Barometer rising. No sturage way all of watch Executed morning orders. No change in sail. From 800 AM. to Meridian buge with sliff squash time It S. It to S. S. Barbuets rising how faling . Stirl by graft from on eltif. tack, No change of wall a barque in start on les quarter and astern, standing to the HP. J. S. Jordan, US. St. Meridian to 400 J. M Merthan & 44 - 9. M. Sain equale all around. Light aire to moderate treeze from It. A. A. A. A. S. exterage way 1et part. At 12th shook refer out of topsails and manusail. At 20 made all sail to royals. At 3th took in flying git, many and migan topmast claysails, royals + 5.8 sails to a squall fand then set them again. Bardmeter rieng. Leulinant. U.S.N. From 400 9. M. to 800 P.M. Sit. Barometh rising. Note ship between 5-00 and 62. At end upder for year and mappen to proper charge and plane pail to royale for mile to lever for half for making course N. H. At 122 passed half for mile to leward of a barque lon starboard tack. But over pate log at 80 reading 81.11

Gro. M. Milliams From 800 9M to Midnight. Moderate increasing to Just bruze from S. Wand S. H. x S. At 18.16 look in and Juster royale and flying sit. and 11th both in I Juster John John S. Hand with the my Juster playable. Strong by the wint on just lack. At ent under just fore and I man to perfect stayable. Ensign topsaile courses and spanker. O.P. Cacheman

Johnh Stunt Lint & Navigator.

LOG of the UNITED STATES

from Gibraltar to Junchal Madeira.

					WIND.				BAROME	ETER.	TEME	PERAT	URE.			lear hs.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th
. M.	4	9	7.5	N. 7 9/4 21	S. Hx H	4.5		11/4	30.16	1	70	11	-/		Cu-st	4
2	4	5	12.0	N. Nr /4 W	11"C 11	4.5		1 111	30.16	73	10	1 / -	69	0"	"	4
3	4	0	16.0	A. H XN	M. S. M	45		111	30.16	11	69	0 -	69	b.c. 9.	"	4
4	3	1	19.5	1 21 11 16	Sixx	14		114	30./6	7/	69	68	69	v.c	li'en	4
5	2	0	23.8	1. 11 /2 N	7.5 H	2.3		2	30.16	17/	69	68		"	nim	3
6 47	2	3	26.1	N. N. 71	21 x S	3		2	30.19	7/	69	68	69	"	for en	5
8	3	0	29.1		"	3.4		2	30 22	70	70	68	69	"		7
9	2		33./	5.5. 7. 12 2r	niv.	4		1.	30.15				69	"	4	17
10	3	5	36.6		"	4		-	30.26			-	69	"	"	6
11	3	4	40.0	S.S.N14N	Hest	4		9/4	30 26					"	"	8
on.	3	2	42.1	Sx 1 1/2 dr.	dris	3		1	30.26	70	10	66	07	.,	-	8

Course and distance made good since preceding noon by observations, IN xW/4N. SH knots. tenths. Latitude by D. R. Jo 443 " Longitude by D. R. Latitude by observations of Statistical by			
Position at Noon: Latitude by D. R. Longitude by D. R. Latitude by observations of © Longitude by chronometer from Forenoon Observations of © Latitude by Chronometer from Forenoon Observations of © Joo 29, "Jr Latitude by Forenoon Observations of © Joo 31, "Jr	e and distance made good since preceding noon by observations, Anx &	1/47. 3H knots. tenths.	
Position at Noon: Latitude by observations of ♥ Longitude by chronometer from Forenoon Observations of ♥ 1		300 431 " 01	
Position at Noon: Latitude by observations of © Longitude by chronometer from Forenoon Observations of © /5 0 29 " H Latitude by Observations of © /5 0 30 " Longitude by Chronometer from Forenoon Observations of © /5 0 30 " Longitude by Observations of © /5 0 31 " Longitude by Observations of © /5 0 31 " /6 0 31 " /7 0 31	Longitude by D. R.	150 40. " 24	
Longitude by chronometer from Forenoon Observations of © 15°0 29' " H. Latitude by	on at Noon: {	330 Hr. " N	
Position at 8 A. M. Lamoritude by Jose 0 /5°0 3/1 " F		150 291 " 37	
Position at 8 A. M. Longitude by Was. 0		330 50, " N	
	on at 8 A M J		
Position at 8 P. M. Latitude by D.R. Jeon J. M. obs. 0 15021. " It			
	on at 8 P. M. Latitude by D.R. John P.M. obs. 0		
Current during the time, - knots - tenths per hour, setting to the			
Error of the Compass by Azimuth O observed at , ship's head			
Deviation of the Compass by Azimuth ⊙ observed at , ship's head o variation used, o		o. / variation used,	0 '
Error of the Compass by Azimuth O observed at , ship's head "		0 1 11	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head o ' variation used, o		o ' variation used,	0 .
Water expended during the preceding 24 hours, Joo gallons.	and of the company of	JOO gallons.	
Water during the preceding 24 hours,			
Water remaining on hand fit for use at Noon,	remaining on hand fit for use at Noon,	500 "	
Coal consumed during the preceding 24 hours, / tons /60 lbs.		/ tons /60 lbs.	
Coal remaining on hand at Noon, //9 " 1/9" " 1/9" "		119 " 2180 "	

P. M.					,								1	0	-	
1	3	3	45:4	Sxn	West	3		30.25					V.c	Ju au	1	
9	3	0	48.4	5 x 21/4 21	"	3	/	30.27	72	74	21	68		4	6	1
3	3	1	57.5	Sx 2 /2 21	Hxx	3	1	30.27	92	74	71	68		0"	6	4
4	2	5	54.0	51/2 8	2 S. W	3	1	30.27	12	74	71	68		Je-cu Sti	6	1
5	2	0	56.0	Sx & 1/4 &	"	2.3	11/2	30.27	71	70	69	68		"	4	1
6	1	8	56.2	Sx8 0/48	SNXN	2	11/2	30.28	72	70	69	68	',	".	3	
7	0	8	57.3	N. N. N 3/48	SNxS	2	1/2	30.30	73	69	68	68		ci-cu	7	
8	1	5	-	7,77		2		30.31					.,	"	7	
9	0	9	-	2/14N	South	1	1./	30.31	73	69	68	65			7	
10	1	0		Hest		1	1	30.32	73	69	68	68			4.	1
11		5		NHXH	57.71	1		30.32					a.c.m		0	
Mid		1	No atu	was waw		0	-	30.32	72	68	66	65	0.c. m.s		0	

Commander & J. Strong under the command of , U. S. Navy, , 1897. Commences and until 400 A.M. Commence and until 4° 1° M.

Londy with passing squale this hour Moderate to still breeze from 5 H.

by It to 11.5 M. Bar steady. At 2° look in main tipulant playare.

Jak 3° set main and magne topmant staysails. At end of watch by
the wind on post tack whiter all plan I sail to toppage and all

topmast staysails. From 4 00 Am. to 800 Am Dar riving Steening by the wind on part tack under same pail as freeding watch! At 6 2 set liggerent sail. At 7 2 set soyale and flying jet. Lite Sordan, USS. A. From 800 SM. to Meridian
Clear and pleasant. Moderate to genete beeze from It x N to It x S. At 855 wore ship the marches to quarter dech, heaving S.S. W. It. At 900 mustered at granters, then marches to quarter dech, heav "articles for the Forenment of the Navy" and then held General Muster. At 1000 feels Dirine Service Motherline dientinant W.N. how Jacking to It S. It. Star straig! They the wining to It x It and last how Jacking to It S. It. Star straig! They the wint on starbound tack making couper between S. It 1/2 It. It It. At 330 took in mainsail and all main trysail. At end under Jose, main and miggen topmast starpails, topsail, and plan pail to royal except mainsail. Starter fire in Apollo "C" at 342 for distilling. Sailing visual in sight to windward. Meridian to 400 J.M. 850. W. Willaus Enrign From 400 J.M. to 800 J.M. rising. My 55 I have hight to gent bruge from H.S.W. to S. W. S. Bar. rising. My 55 I wore sales. At 16 th ye the bound on port lack heaving I. W. W. W. To hander fin fat log preating 56.5. At 150 commences distributing. Steering by the wind- I no change in pail. A. Lacken. Ensign From 800 J. M. to Midnight. Cloudy to overcast raining last how. Light Southerly airs to calm. Bar strang Will 10th work in soyale flying jit, strain and known tofmast stay sails. At 11° wore ship. W/12 book in loggalant sails. When A watch close haules on still tack under main trysail and all plane sail to tophails quest manigail. Distilling marysail and Distilling. John Sturst fint Navigator.

LOG of the UNITED STATES Ship Essex 30 Rate, Making passage from Sibraltar to Sunchal Madeira.

					WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.			lear hs.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Ch Sky, in 10th	State of the
A. M.			No al	úragu way	Variable	10			30.8/	72	66	66	68	Le.	ei-cu Str	6	S
2	1	0		12/x50	SxA	/		3	30.3/	71	66	66	60	4	ci-cu	3	"
3	1	0		71/20	254	1.0		3	30.3/	7/	68	60	60	"	Shi nim	2	7
4	1	0		M. N. Jr /2 M	5.5.71	1		3	30.8/	7/	69	60	10	11	"	3	-
5	1	0		N. 11 x 81	SAXA	1		3	30.3/	11	69	60	68	" /	"	3	4
6	1	0		121 1	-1 C 21.	1/		3	30.29	21	169	10	68	0, e. p	*/	0	"
7	1	0		A. H 1/4 A	W. J. St	1		3	30.33	70	17	66	18	b.e.d	1	0	7
8	0	J	1.	N. N. W	JY X V	0			30.33	71	66	68	15	6. c. p	Qui en	4	"
9			No st	twage way	calm	0		0	30 37	11	20	69	1.5	V. C	Pei-s	4	"
10				of " 10 11	C " C	1		3	30.37	72	70	69	18	"	"	1	"
11	0	5	-	11. 1. 1	SAXS	1.0		3	30.35	1	Name of Street	70	68	"	"	4	"
Noon.	0	5		Jr. 11	SNXN	1.0			30, 30	12	12	10		"		0	
									-				-				

Course and distance made good since preceding noon by observations, $S \times \mathcal{H}/2\mathcal{H}$.	knots. tenths.	
(Latitude by D. R.	33 0 37 " A	
Longitude by D. R.	150 32. " 21	
Position at Noon: Latitude by observations of O	330 391 N	
Longitude by chronometer from Forenoon Observations of O	150 31 " %	
Position at 8 A.M. Latitude by A.C. Longitude by A.C.	330 361 " N	
Position at 8 A. M. Longitude by	150 30, " 8	
Position at 8 P. M. Latitude by S.R. Junn J. M. Abo. O	150 3/1 " N	
Position at 8 P. M. Longitude by D.R. Jum J. M. obs. 0	150 28, " 28	
Current during the time, - knots - tenths per hour, setting to the		
Error of the Compass by Azimuth O observed at , ship's head	0 /	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,	0 '
Error of the Compass by Azimuth © observed at , ship's head	0 / 1/	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	variation used,	
Water expended during the preceding 24 hours,	JOO gallons.	
Water during the preceding 24 hours,	600 "	
Water remaining on hand fit for use at Noon,		
Coal consumed during the preceding 24 hours,	tons ff0 lbs.	
Coal remaining on hand at Noon,	//8 " /500 "	

P. M.		1		1 2/ 4	C 44 24								0	Qu-cu	,,	-
1	0	6		N. H. Ir	SHXH	1/	3	30.34						Pei-st.	4	-
2		2		Nx H	Treat	//	3	30,33	72	71	20	69	. "	"	4	.11
3	1	5		SSH	1 Hx N	1.2	.3	30.34	72	72	7/	69	8.c. p	"	5	
4	3	0	56.3	N.SM	A. A.M	2.3	1	30.85	71	72	70	69	6.6	.,	6	4
5	3	4	59.7	"	,	2.3	1	30.33	70	69	68	69		"	6	4
6/30	2	6	62,3	. "		2.3	1	30.33	71	69	67	69		4	8	1
730	1	3	62.5	4		1.2	3	30.36	71	68	67	69	"	1	9	4
8	1	2		.,	.,	1.2	3	30.37	71	68	6)	69	,	sh	9	4
9	1	5		"	,	2	1/2	30.38	73	68	67	69		ci-cu	6	4
10/	2	0	62.7	"		2	1	30.39	72	68		69	"	"	1	"
11	3	0	64.2	4		2.3	1	30.39	72	68	67	69	1 "	4	J	
Mid.	2	7	66.9	,	"	2.5	-/	30.40	70				F.c. q. 1	ei - cu	3	.,

under the command of Commander & Strong , U. S. Navy, Monday Hov. But , 18 9% Commencer and until + 2 AM Sair and pleasant, Calm and light, air from J'xH to SS. H. Bar steady. No strunge way first how I watch, by the wind on port tack rest furateh. Subjunded Ispacial Jordanik jet, Jose topmast estayaril, main tripail and spanker. At 1the set top gardant sails, main and miggen topmast staybards. A cleaner passed on stay side et anding to the HE. Distilling J. In Jordan. U.S. A. drom for AM 6-800 AM Sourcast to cloudy. Rain equally all around. Passing shower last part Light airs from It to 11 x at 12 hauler down main and migger topmant staysaile land at 6th look up I fearle to black equall on weather top which du not reach ship. Executer morning orders. dientenant WSM From 800 a.M. to Meridian Jan and warm Light air Jum St and Mr and calme. At 9" brailes up break and chanker and longulant vails. To altern be break from he have first had been been been been been for any under for attended by the with mo altern for way under for toppment later pails begalled by all of granito and place maintend for all longular for maintail. Of gran maintend at granito and then held Divisional Exercise as follows: Jet Div. Infantry It Div. Single sticks, Toural Div Jump challeng. Gh. W. Williams Meridian to 400 g.M. Such sairs to cent breeze vering from S. M. W. to M. A. H. Parsing anyour third hours At 140 more ship. At 12 by the wint on other take hading S.M. It 300 set royals pluning it man of minen topmark staggails, Exercised as follows. 14 200 p. 30 shipsohe "Compani Boards Diving Bog." By the wint first three hours on course M.S. It last how and at end under are sail shift mainsail. Distilling. Ensign 012 Lucken Clear and cool, Jine weather dight being from It. It. It Bar viving. At 600 hauled in part log. Distributed of antion of half from plantward guarter. I bright mornlight frist three hours of watch, facing train ognal last from dight to genet there with stiff squall last from It. It. Noting a congress It I'm all last from dight to genet there with stiff squall last from It. It. Noting a well from N. It. It. Dar. Negrong. Sterring a congress It I'm and pame sail as preceding watch of 11th with mi royals & fleping jet. IN 11th hauled down main & migren to perfect of appeals at 11th from hard to be stiffed in sight on state, quarter & beam clanding to the I'm It. From 400 9.M. 6 800 9.M J. S. Jordan. W.S. N. John Junat ~ Navigator.

LOG of the UNITED STATES Ship Essex Making passage from Fibralian to Funchal, Madeira

32 Rate,

	T	1	-	0	WIND.				BAROME	TER.	TEM	PERAT	TURE.			1 % I	1
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the S
A. N	. 4	2	66.9	N.S.W	N. S. W	4		1/8		70	65	66		l.c	Cu	2	S
2	5	3	76.4	4	"	4		1/8	30.38	70	67	66	69		"	3	
3	5	3	81.7	"	"	4		18	30.38	69	67	66	69		"	3	
4	5	6	87.3	4	"	4		18	30.39	69	67		69	"	"	3	,
5	5	9	93.2	-	NxX	4		1/8	30.41	69	67		69	"	"	3	
6	5	5	98.7		" 0	4		1/8	30.41	69	6)		69	.,	nim	2	
7	2 2	59	1,2	West	Nout	4		17		69	67	66	69	1.	ser "	3	4
8	5	8	9.9	"	,,	4.5		1/2	30,45	68	67	66	69	4. g. p	"	3	15
9	4	1 %	16.0	2 1/2 N	"	5		1/2	30.47	68	68	64	68	t.c.	"	4	"
10	4,	5	20.0	2.N	NXE	5		1/2	30.48	-	69	65	68	4	"	4	4
11	5	6	27.8	u	4	4.5		3/4	30.49	68	69	66	68	"	4	4	
Noon	6	6	34.4	. "		5		1/2	3047	68	68	66	69			5	,
																1	

Course and distance made good since preceding noon by observations, & %,	% S 69 knots. tenths.
Latitude by D. R.	310 41
Position at Noon:	16 0 33 1 11 87
Latitude by observations of O Plannage	32 0 49 " N Learning 160 18" " N
Longitude by chronometer from Porences Observations of	7.00
(Latitude by D.R.	320 52, " 5
Position at 8 A. M. Longitude by	16008, "01
(Latitude by	0, "
Position at 8 P. M. Longitude by	· . W
Current during the time, _ knots - tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	. 0 /
Deviation of the Compass by Azimuth O observed at , ship's head	o ' variation used, o '
Error of the Compass by Azimuth O observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	500 gallons.
Water distilled during the preceding 24 hours,	1700 "
Water remaining on hand fit for use at Noon,	/800 "
Coal consumed during the preceding 24 hours,	3 tons 800 lbs.
Coal remaining on hand at Noon,	115 " 500 "

P. M.	4	93	39.5	N x N	10		11.		,,	10	66 69	le le	ci-a	4	5
1	1,	3	40.6	21/28	NXE	5	1/2	30.226	60	0/	66 0	0.0	ce-u	-	
2	6	6	47.2	"	1	5	1/2	30,45	69	69	666;	1	"	0	"
3	7	4	54.6	Hest		5.6	3/4	30.47	69	68	65 69	1	4	5	"
4	302	3	57:9	21 1/3 dr		5.6	3/4				65 69	1		5	"
	10		62.9	n.h. n / n.	,	4.5		30.46				4		5	.,
6				N. N. N	N.E	3		30.47	69	66	14	"	,	7	"
7				Nout		2		30.49	69	66	64	,	4	5	
8				VI.N.E		2.3		30.49	69	66	68	4		5	
9				N.N.		2.3	100	30.00	69	65	63	1	14	6	
10		100		"		2.3		30,00					"	6	
11				" (,,	2.3		30.50	67	63	61	,	"	6	
Mid.				North		23		30.50				,		1	
1															

Commander & Strong under the command of , U. S. Navy, , 18 97 Commence and until 400 AM. Under all sail to S. 9. sails tallet mainsail. Distilling of Two bargues crossed our bow during watch bound to St. His Mistelling. dinternant, USN. From 400 AM. 6 800 AM. From 400 MM to 80 MM.

Cloudy light passing vam last how Moderate to still breeze from A by How North.

Bar reading le att 40 proghter Ports Sants Islam heaving the N. H. M. J. C. C. 12 when heaving the N. H. M. J. C. C. 22 who all with lami on join bow. At end under Jores main & migra totalling staysails, tripail and plain pail to top gallant pails except maintail Sixtling.

Sto. M. Mallowers From 800 AM. to Meridian Jonn 8° AM. to Meledian
Condy. Moderate to alify breeze from A to 12. Bar unaleady. At 9° muslice of inspection of quarters, after
which feathers Division as Goldone: Ford Founder-Lignals: After Found. Furnish Institution 12 Senate
Dom Anatomical of Sactory. De Section of Sunday Institution Of Territo, Leamanachip Institution By order of
Conday of ficer change copiese at 8° 2° 9° to th 1/2 N. (34 1/2) And (34 1/2) respectively. At most flesh to Particular of the Voice North (may disk. 1/2 miles. At 10°2 lighted fires under do B. boilers. No change in sail - Apolitical.

J. Jackson.

Generalea. Meridian to 400 9.M Javis and alexant. Till to beach beeze from 1. E. Dar stady. By order of County of five change course as follower at 12. 2 to 1 N. N. at 3 2 to Treet at 3 2 to N. N. At 3 2 to North Seland of Madeira in sight on attellow, at I watch. Of 3 2 took in topgalant gaily main & mig. topmast stayeals foresit & Jacob to stayeals and hove to on altiflicing. rom 400 9. m. 6- 800 9. M. Clear and plus and Fresh to light breeze from that with Dar rising when otto by Standing in In commhat comparage Coming. Officer cosing lets office industry and by and left and when white cost plus from the lets of the ment while cost plus from the walk at the ment while cost plus from the lets and walk and a act and went afread under clean along the first of the condition of the change of auctions as a continued to be plus to be them. In alternating to fine beautiful from the stand to be plus from the condition of Madeira to deplaying solutes was not feed. Thereof a visit from transful fleer from blagghip of English Training squites on not feed. Ricer's a visit from transful fleer from blagghip of English Training squites on host but free date out under Doelers OFT and peptition under Doeler to for thisteding. I say if the hip 18-18 From 800 J. M. to Midnight got under way at 1152 Distilling. MOHalue Motherwe W.S. A. John lettervalt Ravigator.

LOG of the UNITED STATES Ship Essex Anchored at Sunchal Madeira

30 Rate,

					WIND.				BAROME	ETER.	TEMI	PERA	TURE.	State of		lear the.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 100	State of the
A. M.				N. Sr. W	Nout	2			30,50					f.c.	ei-eu	5	
2				J. E.	н	1.2			30.50					"	"	3	
3				Nout		1.2			30.49	65	63	62		1"	cu	3	
6				Jr. Jr. E	Jr. N. E	0./			30.49	65	63	62		v. c. m	"	4	
7 8				N.E.	Jr. N. C	1			30.55	67	68	66		tie	" "	74,	
9				East	South	1			30.60	68	81	76		"	"	6	
-11				S. M	S. It West	1			30.59			73		"	1	4	
Noon.					7,30				1								

Course and distance	e made good since preceding noon by observations, W.S.W	33 knots.		tenths.
11.	(Latitude by D. R.	•	!	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ②	•	,	u
	Longitude by chronometer from Forenoon Observations of O	0	,	"
	(Latitude by	0	,	0
Position at 8 A. M.	Longitude by	0	,	"
		•	,	"
Position at 8 P. M.	Latitude by Longitude by	o	,	"
Current during the	time, _ knots _ tenths per hour, setting to the			
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	. 0	,	
	ompass by Azimuth @ observed at , ship's head	0		variation used,
	ass by Azimuth ⊙ observed at , ship's head		,	"
	ompass by Azimuth © observed at , ship's head	0		variation used, o
	iring the preceding 24 hours,	50	0	gallons.
Water - disk		150	0	"
		280	0	
Water remaining o	n hand fit for use at Noon,	,	01	1158.
Coal consumed dur	ing the preceding 24 hours,	tons.	114	1DS,
Coal remaining on	hand at Noon,	114 "	+26	

M. 1	1	S. Hx S	5. 7	0	30.55-69 71 69	b.c	- x - cu 6
9		4	S. HxS	0	00.54 70 75 71		" 4
3			,	. /	30.54 70 78 73		Quica 6
4			"	1	30.55 70 79 76	,	Frim 5
5		21x5	Hest	/	30.54 70 70 69		. 4
6		SMXS		0./	30-54 70 70 69	4.	" 7
7		Sout	"	1	30.53-70 70 69		4 6
8		36.71 x 71	,	/	30.03-70 66 66		, 2
9		N. 21	4	1	30.08 70 66 65		. 2
10		SE	V.E	1	30.57 7/ 66 65		, 3
11		North		1	30,56 69 65 65		Co-cu 7
Mid.		N. Sr. 24	m.	1	30,54 69 65 65		. 0

under the command of Commander & S. Strong . Hedresday Nov. 106 , U. S. Navy, , 18 17. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until of the AM. Cloudy and cool - Light are and bruges from North. Sweedish man of war went out. Distituing! In Wingan -From 400 am to 800 am

Pleagant meacher light haze first part of watch. Calm and light aire
to light reege from I. It I. I.E. Darbuelte meing. At 80 fixed a calute of
21 gains, I obtaquine Ensign at the main. Salute returned gun for gun by fort
one shore. I summediately after first a calute of I'm for English Ensign at the fore
the Pore- Salute returned gun for gun by English Blagamp. Willening at the fore
Sent an officer to please branding visit of English Blagamp. A Summediate man- J- when in the Ming. Established in Ordnaste Dept 102-16 Idr. saluting Link. Jordan, W.S.Vr Jan 8 am to Mendian

Jan 6 cloudy Dight and from N. V. C. shrough the South to the Met. M. 9" musters at

gratter and which solecient as follower. I barboard watch brake under over Borbureton.

Borden Die Great Sum. 1" Die Nignals. 2" Die. Pictole 2" Die Summer under John Commonder

Jan 1 the Country They made Michel visito to the Commondore Commanding Conglish Training

Logication of the Vollage Victorium there visite. M. 1" the Junch salling Conselle

Metrodian came into port Bent a broading There for picit her and at 11" the Country.

Melonian came into port Bent a broading There for the W.S. Consul made an

Michel visit to the Garra, made an Africal when the total 11" the and at 11" the Country.

Miller of the Garra, made an Africal when the forther received a salute of seven gume.

MI " the Governor of Madeira visite the English Plagarile and wag salute when

his departure, 17 June which was returned by faltery on khose. The Meloginine

also fein natural salute Portugues flag at main whom her assist which

salut was returned by shore faltery. Statelling. The S. Moor came in Jun 1" 6".

Jestes Mag. The Toron flood cooks. From 8 am. to Mendian Jester Mag. + Shell room flord cocho. dienlewant. W.N. Meridian & 400 J.M Jan and pleasant hight airs from St and Mr. Exercised the port watch crew of the cultar whattrast and dingly under bare and the startraw watch at crossing & sending down royal yards. Unless froyals. On Micin from the Milpomene returned the boalding visit of the Jornal of Contract of board. The Captain of the Fort called on board. The Captain of the Fort called on board. Distilling Ensign From 400 JM to 800 J.M. Cloudy Sight airs from the West at 42 the SS Moon got under weigh and ghird out to the Ft. Stoppet distilling at 42. Lienten and M. V From 8° 9M. Is Midnight Cloudy to Midnight airs fum Nest and N. E. a cleaner came in fum the Carturary.

Grown for and guid to be correct. Light airs fum Nest and N. E. a cleaner came in fum the Carturary.

Grown Bright
Energy John to Howard Lint - Navigator.

LOG of the UNITED STATES Ship Gesea Of anchor in the harbor of Turnchal Madeira

go_Rate,

			Reading		WIND.				BAROMI	ETER.	TEM	PERA'	TURE.	State of		lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.				N. N. W	1. E	2			30.54	68	65	65		l.c	In-cu	6	
2				N.E	,	2			30.54					,,	4	3	
3					,	2			30.54	68	64	64			4	4	
4				NXE		2			30.03							5	
5				N. 71	. "	1			30.53	65	64	64				5	
6				N. N. 7.	N. N. W	1			30.33	68	64	64			cirus	4	
7				Nout	N.E	1			30.53	68	64	64			fi: an	4	
8				N. ExE	"	/			30.53					,	9 "	3	
9				N. E	N. 71	0.1			10.01	68	1				nå.	3	
10				5.6	East	/			30.57	-		1		11	Je-cu	4	
11				SXE	,,	1			30.56					"	1 .,	17	
Noon.				Hest	West	0.1			30.54	69	78	77	1	1		4	

Course and distance	e made good since preceding noon by	observations,	knots.		tenths.
	(Latitude by D. R.		•	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of O			,	"
	Longitude by chronometer from For	renoon Observations of O	0		·
	(Latitude by		0	,	u ·
Position at 8 A. M.	Longitude by		0	,	"
	(Latitude by		0	,	u'
Position at 8 P. M.	Longitude by		0	,	"
Current during the	time, knots tenths per	hour, setting to the			
Error of the Compa	ass by Azimuth O observed at	, ship's head	0	1	
Deviation of the Co	ompass by Azimuth O observed at	"ship's head	0		variation used, , o
Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,	ıı .
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,	variation used, o
	ring the preceding 24 hours,		50	10	gallons.
Water - disti	during the preceding	24 hours,	2	00	"
Water remaining or	n hand fit for use at Noon,		250	0	"
	ing the preceding 24 hours,		tons	800) lbs.
Coal remaining on			1/3 /	1860	2 "

. M.	Hest	Hest	1/	30.02 69 72 71	f.c	Cu-St 4
2	S. Wx H	"	1/	30.57 68 7/ 70	11	, 3
3			1	30.5-1 68 20 69		, 3
4	55.W	,	1	30,51697069	,	" 4
5	5.125	South	1/	3027 69 71 70		cumin 3
6	.5 21/25	5.4	1	30,57 69 69 69	b.c.d	- " /
7	"	V.E	/	30.52 70 68 67	l.c	4 /
8	N. 84		1/	30.53 70 67 67		" /
9	N.N. H	"	1/	30.5469 6) 67		" 3
10	VX E	"	1/2	30.52 68 65 65	",	Frim 4
11	North	"	1.2	30.57 68 65 65	,	1. 4
did.	1. 8	N. N.E	/2	30.51 68 65 65		, 5

Commander & Strong under the command of , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4 on am. Clandy and cool. Light A.E. is buye. Or Lacken Ensign From 400 am. to 800 am Jun N. E to M. N. H. Executive morning order. Recit. in Dept. of Softeets, 120 the each, Fresh beef + vegetable + 96 th. Bright. English Training Ships making prefavation for the.

Milylue

Juntant. US St. From 800 am he Meridian

Che Some and pleasant Light air. At 900 mustered at quarter and

then former and drilled battalism. The Commanding Their pair Theiral

visits to the Cort Fovernor the Military Fovernor and the Captain of the

Jost The English Iguadion got underloop and at end were If the

harbour standing to 50° and 11° -Gro. M. Billiams Meridian to 400 P.M. Why airs. The Commanding This visites Hierally the Commanding Miles of French Correcte Melfornene. Exercises stafferant watch I applienties under vare & fort watch at sending up & down topquelant yards. Unbent topquelant sails & re-furler spransagil. From 400 9.M to 800 9.M. Cloudy - drygling then how - Light aire Jum Stay Me 100 hasf The H. Williams From 82 9.M. to Midnight airs to light buy from N.E + N. S. C.

Examined and found to be correct.

John Witeway Lieut & Navigator.

Of Luchem

			Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.			lear bs.	Sea.
Hour.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the
A. M.				N. N. 21	N.E	1			30.51	68	65	65		l.c	On ci	6	
2				Nout	"	1			30,50	68	64	64		"	"	6	
3				N. N. E	N. N.E	1			30.49			64		•	"	8	
5				1"1.6	"	0.1			30.49	1	64	64			"	6	
6				Jr. W. X	:	0.1			30.46	1	65	65			prisas	5	
8				Nout	"	0./			30.41	1-	67	11			9	4	
9		-		Cast	5.5.6	1.0			30.47	70	76	69		7	"	4	
11				. 4	0 1	1.0			30.46		80	79		"	"	6	
loon.	-			*	Lout	1.0			30,43	10	0/	17		"		0	

Course and distance	e made good since preceding noon by	observations,		knots.		tenths.			
	(Latitude by D. R.			0	,	"			
	Longitude by D. R.			0	,	"			
Position at Noon:	Latitude by observations of ①			0	,	"			
	Longitude by chronometer from Fo	renoon Observations of O		0	,	"			
	(Latitude by			0	,	"			
Position at 8 A. M.	Longitude by			0	,	"			
	(Latitude by			0	,	"			
Position at 8 P. M.	Longitude by			0	1	"			
Current during the	time, knots tenths pe	r hour, setting to the							
Error of the Comp.	ass by Azimuth O observed at	, ship's head		0	,				
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		0		vari	iation used,	0	,
Error of the Compa	ass by Azimuth O observed at	, ship's head		0	,	"			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		0	,	vari	iation used,	0	
Water expended du	ring the preceding 24 hours,			50	00	gallons.			
Water	during the preceding	24 hours,				. "			
Water remaining of	n hand fit for use at Noon,			200	00	"			
Coal consumed dur	ing the preceding 24 hours,		-	tons	-	lbs.			
Coal remaining on	hand at Noon,		113	"	186	0 "			

. M.	6 4	South	/	30.42 7	1 11	PL	I.	ci-cu	6
1	South		1	Contraction of the last of the			v.c	cu-cu	10
2	West	N. S. 21	1,	30.42 7			-	"	0
3	S. W.	-	/	30.41 7	18/	51		4	
4	N.S.W		0.1	30.4/ 7	1 76	76		0"	4
5	West	"	0./	30.40 7	178	72		at cu	3
6	"	,	/	30.40 7.	2 1/	71			3
7	S. H		/	30.42 73					6
8	Mx N	,,	/	80.43 7	170	10		,	18,
9	N.ExN	N. N. W	/	30.43 7				,	6
10		"	/	30.42 7.	2 66	66		"	6
11	Nout	1	/	30.42 7	166	66	,	,	6
Mid.	1xE		1	30,427	165	65		"	6

Commander 6 J. Strong , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and until 400 am light airs from M.E. Daronget falling. From 400 Am to 800 am in Dept. of Supplies thech fresh provision as Gallows . But Is the vegetables to the Bread 96 the Tho W. Trillians From 800 am & Meridian Jan am warm-Calmo to light variable airs. Or 950 mustre and inspected at quarters. Exercised at Fernical Lucritic. Time peaks 200 18 see after which exercises at Fine Lucritic. Sent a liberty party of appropriate ashere.

D. Mc Donaes (2.3.0) left the ship without personnerm.

O. P. Lacka. Meridian to 400 9.M. Meridian to 4-01. Sight Still airs, Sarometic stave. The Cint and military Forgener visites of the French Phip Melymine and this research military on the departure a calute of James for the which salute were present by the battery on Love grant for alm Inbent the love topsail after best of the salute one topsail after best with a botte of wine in his possession. Della .

From Hos J.M. & 800 J.M.

Jain - calm to light airs funt N.M. Liberty harty returned the following apprenties asserted without leave. Tradect & Burdenich Ef.

Rigal Jr. Lining for Longuet A.M. M. Cauchy. If I blive It. The Schools H.

Olim 10 + Schools H. (apps 3.9 returned by board 12 w/ how overtime respectively.

Of tacher

From 80 2. M. to Midnight.

Clear and pleasant. Light aris from N. N. H. Barometer steady

Moon rure at 80 pleasant.

Examined and found to be correct.

Julie W How the Swint , Navigariar.

LOG of the UNITED STATES Ship Essen Ar anchor in harbor of Funchal Madeira

			Reading		WIND.				BAROMI	ETER.	TEME	PERAT	URE.			he .
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10ths
. M.				A. S. E	Nout	0.1			30.40					f.c	cu	6
2				N.H	"	1			30.40						"	6
3					"	1.2			30.38	68	65	65			"	5
4						1/			30.38	67	65	65				5
5				"	"	0.1			30.38	67	65	65		. "	1	5
6				JrxE	"	0.1			30,39	68	66	65			en	5
7				N. 21/4 W	N.E	0.1			30.41			66			nim "	4
8				A H XN	Calm	0./			30.41	68	69	68			4	5
9				.,,	"	0			30.41	69	78	78			,	17
10				SELS	"	0			30.41	69	8/	80		"	Ou-Sh-	17
11				Sout	,,	0			30.41					,,	.,	8
oon.				2xx	Hest	3			30.37	70	18	74		"	.,	8

Course and distant	ce made good since preceding noon by	observations,	knots.		tenths.		
	Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of O		0	,	"		
	Longitude by chronometer from Fo	renoon Observations of O	0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
	(Eatitude by		0	,	"		
Position at 8 P. M.	Longitude by		0	,	"		
Current during the	time, knots tenths pe	r hour, setting to the					
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	,			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		,	variation used,	0	
Error of the Comp	ass by Azimuth O observed at	, ship's head	0		"		
Deviation of the C	ompass by Azimuth O observed at	, ship's head		,	variation used,	0	
Water expended du	aring the preceding 24 hours,		500	0	gallons.		
Water	during the preceding	24 hours,	1		. 4		
Water remaining o	n hand fit for use at Noon,		15-00		44		
	ing the preceding 24 hours,		tons	800	lbs.		
Coal remaining on			//3 " /	060	"		
				783			

M							1	In-cu	
1	21 x N	Nest	3	30.81 7	278	124	b. c	sh-	7
2	4	Hest IX	4.0	30.29 2	0 78	73			6
3	,		46	30.277	0 75	7/	"	"	6
4			46	30-25 7.	2 78	20	,		6
5	Nest		46	80.25 7			"		3
6	2. N. 21		34	30.26 7	1 70	69	1	4	U
7	N. Hx H		2.3	30.2871	169	66	.,	en	7
8	"		2	30.26 7	169	68			17
9	N. 21		1.2	30.26 70	0 69	66	1		7
10	Nx 22		2.6	30.257	169	66		ci-cu	7
11	"		23	30. 23 7	0 69	66		,	7
Mid.	"	,	1.2	30.22 7	067	65	"		4

Commander 6 S. Strong. , U. S. Navy. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am. Slight moonlight. Calm and light airs to light breeze from N. Barometer Julling slowly. From 400 am to 800 am

(app. 30) returned on brand 15 his overtime. Precious in Deft of
Sufflies teste 120 etc. Just buy, vegetable + 96 etc. Just beat. From 8 and Mridian.

The Commanding Officer officer a great breeze from Mest. Barometa falling on board of the Repair of Marchant for Sine Dollars for the delinery on board of the B. MacDon lab (0.35) and at 150 they were delinered on brown by the Chief Palice of Funchal By order of Them force for the MacDon lab in another worms to awake treat by a famous about Markal. Markal for a famous fourt Markal. A. Saly (Con). I farly ashore - Obsert effictions leave to Miller.

BM 2C) A. Saly (Con). Meridian to 400 J.M. squalle from It to It x X. Sarometer Jacking. Or 1 solver for 15 75-Lieutenant. W.S. N From Ho 2. M. to 800 C. M. Sales to light beyon from H xt. Barometic rising them falling district training returned which the exception of C. H. Knightert J. H. H. Kalphatoh - Al. D. Older - J. N. Sales - J. M. Murray - 60 Sales on (app. 3. c) B. Pomers (B. M. 2C) and H. Faley (Gra) returned from liberty 11/2 his. virtime From 800 J.M. to Midnight. Light and to genete breeze with Jush square between 92 am 1007 from Hxxl Barometer Jacking. Dienemant Won John View n Navigator.

LOG of the United States Ship Essea Bunchal, Madeira Rate,

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.			is a	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	Charles of the
A. M. 1				N. H. H	Hest	1.5			30./9					f. c, g	eu	6	
2				,"	"	1.3			30.19					€. c	",	4	
3				Trest	," .1	3			30.18		01	.64		"	"	3	
4				M.N. M	N. N	1			30.18	1	- 1	64		"	,	4	
5				"	"	1.2			30.19	1 .	1-1	64		"	11	4	
6				1 "1 01	, ", .,	/			30.19		1-	64		4	0 "	4	
7				N. N. M.	N. N. H	0.1			30.22	1.	-	1 .		"	fr-cu	0	I
8				North	NE	1.2		-	30.24	-	1 -	64		"	"	U	
9				Nest	Hest	2			30.24					"	"	4	
10				It x St	" "	2.3			30.24	69	71	66		"	"	4	Ł
11				N. Vr	N. M	2.4			30.24	7/	73	66		- "	la-cu	4	
oon.				"	"	2.3			30,22	71	13	68		.,	Pei-8	4	4

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of O	0 1	u u
	Longitude by chronometer from Forenoon Observations of ©	0 /	"
	(Latitude by	0 /	"
Position at 8 A. M.	Longitude by	0 /	"
	(Latitude by	0 1	"
Position at 8 P. M.	Longitude by	0	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 '	
Deviation of the Co	ompass by Azimuth ⊙ observed at-, ship's head	0 /	variation used, o
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	. 0 .1	"
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 1	variation used, o
Water expended du	ring the preceding 24 hours,	500	gallons.
Water	during the preceding 24 hours,		ii ii
Water remaining or	n hand fit for use at Noon,	1000	4
Coal consumed duri	ng the preceding 24 hours,	tons -	- lbs.
Coal remaining on 1	hand at Noon,	1/3 " 10	160 "
Coal remaining on l	hand at Noon,	//3 " /0	060 "

2 3	1.21	Nest N. H	3	30.20 70	73 6	8	b,c	ci-cu	1 10
	"	N. 72					0,0	num	N
3			3.4	30.19 70	73 6	8	"	en	6
	N. Hx.N	"	3.4	30.1971	クンプ	0	"	"	5
4	,	"	2.3	30.1971			1,"	"	3
5	H. J. H	West	1.4	30.19 71	68 6	5	6. c. m. g	- "	3
6	,,	"	2.4	30.1969				"	4
7	1.21	N. J.E	2.6	30.22 70	65-6	3	6. c. 1. l.g.	. ,,	2
8	N. N. W	"	2.3	30.25 70			0,1		2
9	N. Hx H	W. N. St	2.5	30. 25-68	626	0		4	5
10	2. S. 2	6.5.€	3.5	30.25-68	63 6	1	1		5
11	N. N. H.	N. N. 21	25	30.24 68	63 6	1.			4
Mid.	N. Wx N	N. H	3.5	30,23 68	63 6	1	,		5

Commander & S. Strong Sunday Nov. 14 4 , U. S. Navy, , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4 an am Hest to Jr. Hr. Bar. falling slowly. Motoline Mittoline M.S.A. From for am, to 800 am Cloudy and cool - dight It Hilly airs. Barometer Maning Executive magning orders - Received fin Bay Department, Just and vicions as fallfower. It the bread and 120f ets. each of their arm readables. from 800 a.M. to Meridian Storm 8° UM to Meridian Clear and flear with moderate agreedle from the N.T. Bar, steady they falling. At 9° mention at quarter, a 5. Bale C. A trusteet A. H. H. M. Murray - 6. Salen - 5. A Saler appears of and I among seem of Jesus inspector shift and creen land afternate which without leave. Comby Jein inspector shift and creen land afternate held living Geroice on Sun Jest C. A. trusteet - J. C. Salernow, J. J. Saler (app. 30) returned on board 19/2 his, overline. Librariant, W.S. K. Meridian to 400 J.M. paring chowers last fast. Sind likely fast of men ashore Sent Jose freward for 30 affer a Dalie M. At Kraff thechan H. M. Muny out they all returned for 50 affer about 100 and I were all under the justicement of intraceast. Mothelme W.S.N. From the P.M. to 800 P.M.

General passing shower dight air gent breeze with moderate to fush passing shower dight air gent breeze with moderate to fush passing shower. It It It. I. E. Baromelet rising. Lientenant. W.S. Ir From 8° J.M. to Midnight to stiff treese Jumy N.N. H. 6 S. E. Strong squall about Joshe an hory - Parting shower Lightning in June clouds. Time lunar rain bows to 62 fast two hours Motophus Now. W.S.N. John by Theut & Navigator.

LOG of the UNITED STATES Ship Ecua Rate, Wadeira

			Reading		WIND.				BAROME	TER.	TEME	ERAT	URE.			ear bs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.														1			
1				N. N. M	N. H	2.4			30.23	67	63	62		6.a.g. L.	cu	4	
2				21. N. H	4	35			30.23	67	64	62		6. c. g		4	19
3				,,	4	2.3			30.23	67	65	63		4	"	6	
4				N. W		2,3			30.23	68	65	63		t.c		7	
5				Nest	N. N.E	2			30.24	67	65	63		"	nim	3	
6				N.N. M.	"	23			30.26	67	65	63		"		2	
7				N. N. H	"	2			30.28	67	65	63		"	frica	4	
8				North		1.2			30.29	67	66	64		"	nim	4	
9				2. N. W	N. 21	1.0			30.31	68	68	66		"		2	
10				7.5 N	Variable	1.0			30.31		70	18		"		1	
11				West.	17	1.0			30.3/		100	Make		0. C. m		0	
oon.				Court	',	1.0			30.29	68	69	67		E. c. m		1	

Course and distance	e made good since preceding noon by	observations,	kno	ts.	tenths.		
	Latitude by D. R.		. 0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of O		0		"		
	Longitude by chronometer from Fo	renoon Observations of O	0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		. 0	,	"		
	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		0	,	u		
Current during the	time, knots tenths per	r hour, setting to the					
Error of the Compa	ass by Azimuth O observed at	, ship's head	0				
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0		variation used,	0	1
Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,	"		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	,	variation used,	0	
Water expended du	ring the preceding 24 hours,			500	gallons.		
Water	during the preceding	24 hours,			"		
Water remaining or	n hand fit for use at Noon,		N.	00	"		
Coal consumed duri	ing the preceding 24 hours,		/ tons	10	60 lbs.		
Coal remaining on	hand at Noon,		1/2 "	9.	00 "		

					The second second	
P. M.					0	
1	V. N	Variable	10	30.28-69 69 67		ci-au 3
2	n.N. W	1. 21	2.0	30. 28 69 75 69	,"	" 4
3	N. Hx N	"	2.0	80.28 69 72 67	t. c. g/	" 4
4	N. N		2.3	30.28697368	"	" 3
5	. , ,	N. N. W	2.3	30.28 69 66 64	,	Cu.n 2
6	Nout	6. N.E	2	30.29 70 65 63	V.c	" 2
7	55.8	South		30. 30 69 65 63	b.c.9,	3
8	SE		160	30.32 69 65 63	1	" 7
9	Nx N	N. N.E	1.2	30.32-69 63 61	he	" 4
10 .	N. N. N	,,	/	30.32 69 63 6/	,	, 6
11	Nx X		1	30.31686361		., 6
Mid.	N. N. W	,	1	30.31686261	1 "	Cu 7
						1

Commander E. J. Strong under the command of Monday Nov. 15-ak RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

, U. S. Navy. , 18 9%

Commences and until 400 AM. Cloudy and cool jarring chowers frist how. Squally first the hour hight to gent there with moderate and stiff squally from I. H. Mice aus Dis A Williams

From 400 am to 800 am
Say and pleasant - Sight aire to gent bruze Jim St. H. to St. St. Bar.
rising Receiver on board in the Dept. of Supplies & acto. 100 the each
fresh meat and vegetable and 96 the break.

July Jordan.

July Jordan.

J. M. Jordan. M.J. N. From 800 am to Meridian.

Olondy to overlast - Light variable air duyling and misty all the welth At 9 40 multiper at quarties. Absent without Ite que I Ander (5020) Exercised Division go follows: France at the surface of Strimeth tactice; 22 seconds of Summer Indianties at companies at Com

Mitalue dientinant, U.S. A

menuran is 4- 0.1/h. Cloudy and pleasant. Light airs friet hom-Light bruze with moderate fauffe rentainder of watch. Thench Corvette Melpoment went to see Exercise Cultro clewe under sail. Exercise starboard watch at Up into down opgallant yarve.

Sto M. Miliams From 400 P.M. to 800 P.M. South to moderate heere from M. M. It whe South. and 412 legalit find in E. boiler for destining Beyow notating at 8.

Motherline. W.T. M.

From 800 PM & Midnight. Light air from N. A.E. Fire in boiler C. The Jon Millian.

Les Tothigians Ensign

John Jewat Navigator,

LOG of the United States This Essea At anchor in harbor of Tunchal Madeira.

30 Rate,

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.			lear bs.	Bear
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl Sky, in 10t	State of the
A. M.				A. A. W	North	2			30.8/	68	62	61		l.c	Cu-s	4	
2				u	1" (1	1			30.31					1	4	4	
3					N. gr	2.4			30.30	-		62		t.c. 9	4	5	-
4 5				Wist	"	1.2			30.28					L'c.d.	"	43	
6				N. N. W	," ,	2.0			30.28	167	63	62		0.c.m.d	",	0	
7				West.	tout	1.2			30.30					1"	0.	0	
8				"	Jr. Jr. W	1.2			30.30					t.c.m	Inin	14	
9 10				SX	Hest	1			30,3/	1				011	"	6	
11				,,,	S.E	2			30.30					в.с. р		4	
loon.				NxH	North	2			30.30	10	79	75		. '		4	-

Course and distance	re made good since preceding noon by observations,	knots. tenths.
	(Latitude by D. R.	0 / 11
	Longitude by D. R.	0 / //
Position at Noon:	Latitude by observations of ②	. 0 / //
	Longitude by chronometer from Forenoon Observations of O	0 , "
	(Latitude by	0 , "
Position at 8 A. M.	Longitude by	0 / "
	(Latitude by	0 , "
Position at 8 P. M.	Longitude by	0 / "
Current during the	time, knots tenths per hour, setting to the	
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Co	ompass by Azimuth @ observed at , ship's head .	o variation used,
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	variation used,
Water expended du	ring the preceding 24 hours,	457 gallons.
Water - dist	during the preceding 24 hours,	1. 1000
Water remaining or	n hand fit for use at Noon,	1050 "
Coal consumed dur	ing the preceding 24 hours,	/ tons 800 lbs.
Coal remaining on	hand at Noon,	/// " /00 "

. M.	21. A. H	St. St. H	1.0	30,27 70	78	74	le c	Ja-cu	6
2	Heet	1.2	2	30.25 70		-	,	"	6
3	N.S.N	Hest	2	30.28 70			"		5
4	"	variable	1.0	30.22 70	76	72	,		6
5	AxN	Nout	2	30.23 69	68	66			3
6	1.21	"	2	30,27 69	67	65			4
7	5 21	4	1.2	. 30.27 71	67	65	"		5
8	SEXE	West.	2	30.28 71	66	64	"	1	4
9	N. St. E	Nout	2	30.19 71	66	65	- "	4	9
10	V. € x €		1	30.30 7/	166	65		7	2
11	Nout		1.2	30.80 7/	65	64	"	4	7.
Mid.	V.E		1.2	30.25 70	65	64		"	d

Commander & S. Strong , U. S. Navy, , 1897. Commences and until 400 am puffer. Live Linder & boiler. moderate It It'ly bruge blowing in From 400 am to 800 am long to gente freeze from A. M. to the North Mirty on Christing. Executor morning order. Received in Dept. of Sall 120 lets each fish help and vegetable of the fuch bread. Dicketing.

From 800 am to Meridian.

Olondy with passing shower last half. Light am from 11. 11. 14 and Thest
1st half-hilght bruge from N.E and North last half. At 950 musteres at
qualitie and then armed all boats for distant revoice after which
secreises bullete and Whale boats crewse under sail. Sester magazine
flows creks. J. Ander (S.C.2 C) absent without leave-Distilling.

Who W. Millian
Energy

Meridian to 400 8m Methodan to 4-2 M light variable bregger - Exercised fort watch of apprentices at boats funder ours and sails & startward match at sending the and down I g and wyal yearle & left yards down. By order of Commanding of fine Senden which is the influence of intravale. By order of commanding of first pregger to Plane app 30 under Master. If arms. change for being ander the influence of intravale. In farm. change for being ander the sinfluence of intravale. Unbent flying jet after fore to present staysails. Autiling. Of tacken

From How P.M. to 800 P.M. Light air and buggs from North historing

Sto. W. Miliams

From 800 19.M. to Midnight light bruge from North Distring faction

J. N. Jordan, Sieuli. T Navigator.

LOG of the United States Ship Essea He anchor in harbor of Sumchal Madeira

					WIND.				BAROME	ETER.	TEM	PERAT	TURE.			le le	Sea.
Rour.	Knots.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balls,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl Sky, in 10th	State of the
A. M.				J. W. W	Jr. Yr	2			30.27					f.c	cu	3	
2					4	2			30.26	70	-65	64		4	- 11	6	
3				Nout		2.3			30.27	68	64	63		4	4	4	
4					variable	10			30.27	-				0"	4	1	
5				.N. W	N. W	0.1			30.24					f.c.d	-	3	
6					. ,	0.1			30.27					6.c	0	3	
-				.N.N.E	Nout	0.1			30.27	68	66	65		"	frim	3	
8				N.E		1/			30.20	69	68	67		4	4	4	-
9				5. €	J. S. E	1.0			30,30	69	70	72		"	4	4	
10				South	S. Nr	1.2			30.3/	69	79	76		"	ci-cu	5	
11	33			SHXS	Nest	2			30,3/	69	75	72		"	4	4	
Noon.				Sxn	S. W	2			30.80	69	75	72				6	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	. ,	"
	Longitude by D. R.	0 ,	u .
Position at Noon:	Latitude by observations of ⊙	0 ,	"
	Longitude by chronometer from Forenoon Observations of ②	0 ,	"
	(Latitude by	0 1	"
Position at 8 A. M.	Longitude by	0 /	n .
	(Latitude by	0 ,	. "
Position at 8 P. M.	Longitude by	0 /	u
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 ,	
Deviation of the Co	empass by Azimuth O observed at , ship's head	0 1	variation used,
Error of the Compa	ss by Azimuth ⊙ observed at , ship's head	0 /	u
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 1	variation used, o
Water expended du	ring the preceding 24 hours,	500	gallons.
Water disk	The during the preceding 24 hours,	1950	"
Water remaining or	hand fit for use at Noon,	2500	4
	ing the preceding 24 hours,	2 tons 8	
Coal remaining on 1	hand at Noon,	108 " 154	10 "

. м.	(5. 24.	S. W	2	30.29	197	7.5	Je -	oi-cu	6
1			0.01					1,0		6
2		out		2	30.29	/		"	"	1
3		SxE		2	30.29	69 74	470	"	- 4	7
4	8	S.E		2	30.29				"	14
5	(East		2	30.29	70 69	166		Cu-V	4
6	v.	4.E	6. N.	E 2	30,8/	7/60	166		"	3
7	V	· N		2	30.32					3
8			V. E	2	30.33	7/60	64		u	5
9	6	N.E		2	30.33	7066	64		1	17
10		"		1.2	30,33	70 64	- 63	1	Cu	1
11		" "	"	10	30.30	69 64	63		"	0
Mid.	V	Fort	N. 71	1. 2	30.34	70 69	63	,	4	0

under the command of Commander & Strong , U. S. Navy, Hedrisday Nov. 17 , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Hos am lour to calm last hour Barometer steady. I a steamer came in Junt the Ft. ASILLER. Enrign

From 400 MM to 800 AM
Cloudy and pleasant - Sight aire - Stramer Santation Castle came in
from 64 at 500 Stramer Mexican from St at 800 Received in Dept of
Stand Rection fresh provisions as fallows, but 120 chs. vegetates 120 the head
91 Was Distilling In Trilliams

From 800 am. le Meridian. at quartete . and a (S.C. 2.C) about voitout leave. Bent light vaile + trouble topgallant of royal yards. Shillis up to beth Clying 1st of fore topmart staysail. I By order of Comdy Things released. I Ofmer (2.3.C) from Madler-at-army charge and restored him is duly . At 1/2 Summary Court martial met for the treat of D. Mackenals (Upp 3.C). Stamps Messian went out. Distilling.

Meridian to 400 9.M Summary Cour martial reconvened at 12 and adjourned at 22 hours of sport of lashating beened in Nothing the source of sports of sports of 14th x10"X6".

Ensign From 400 9 M to 800 PM course - Sult on steaming cover + hoister smoke pipe. Distilling. Of Fachene

From 800 P.M. to Midnight Clear and pleasant - dight My airs. Baromete sizing. Distribung.

J. M. Jordan , Limbi.

O.P. Lachen

LOG of the UNITED STATES Ship Essea & The Rate, Hanchor in harbor of Samuel Madeina and making parage to St. West. West India

					WIND.				BAROME	TER.	TEMI	PERAT	URE.			ear 18-	1
Honr.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the S
A. M.				Nout	A. N.E	2			30.35		-			f.c	Cu	8	
2				.NxE	"	2			30.35					4	4	8	
3				NxN	4	2			30.35					4	"	8	
4				N. W.N		2			30.35	66	6/	60		"	l "	8	
5				Jr. N. E		0.1			30.35					"	Ja-en	7	
6				Nx W		1.2			30.36					"	1	6	
7				, "	" "	1.2			30.37					"	4	5	
8				N. Ext		1.2			30.39						4	5	
9				East	variable	1.0			30.41						"	6	
10				SELE	"	1.0			30.42	76	80	73		"	14	5	
11				N.S.N/47	S. MxS	2			30.43	69	76	71	27	"	gr.en	5	5
Noon.	7	4	7.4	"	2.5. W	2			30.43	69	76	70	77	"	"	5	-
NOOII.																	

Course and distance	re made good since preceding noon by observations,	knots. tenths.
	(Latitude by D. R.	0 1 "
Position at Noon:	Longitude by D. R.	0 "
Position at Noon:	Latitude by observations of O Cross Bearings	320 81, 50, N 170 01, 00, H
	Longitude by chronometer from Porences Observations of ©	
	(Latitude by	0 / //
Position at 8 A. M.	Longitude by	0 1 11
	Latitude by V. R	31 0 42 02" N
Position at 8 P. M.	Longitude by	170 58, 15. 1
Current during the		
Error of the Comp	ass by Azimuth @ observed at 3 30 9.M ship's head 2. S.W. 1/4 W	230 001 34
Deviation of the C	ompass by Azimuth o observed at 3 * 9.11, ship's head	400 001 H variation used, 190 00 01
	ass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the C	ompass by Azimuth O observed at , ship's head	o variation used,
Water expended du	aring the preceding 24 hours,	500 gallons.
Water - dista	during the preceding 24 hours,	700 "
Water remaining o	n hand fit for use at Noon,	2700 "
Coal consumed dur	ing the preceding 24 hours,	6 tons /20 lbs.
Coal remaining on	hand at Noon,	102 " 1420 "

P. M.											1		,	
1	7	8	15.2	21. S. 21 /4 H	5.5.7	2.3	30.41 69	974	69	77	b.c.	ei-cu	6	2
2	7	8	23.0	"	S. H	2	30.40 69				"	"	6	11
3	8	0	31.0	"	"	2	30.40 69				"	"	6	
4	7	6	38.6	,	N. S. 7	1.2	30.40 70	72	68	72	"	"	5-	4
5	8	0	466		SXE	1.2	30.41 69						0	4
6	8	0	54.6	"	•,	1.2	30.41 70					4	4	11
7	7	8	62.4		S.S.E	2	30.43 71	167	65	69	4	"	4	1
8	8	1	70.5		SEXS	2	30,45-71	67	65	69	1"	,,	4	1
9	8	0	78.5		,,	2	30.45 71	168	66	69	6. C. m	en	3	4'
10	17	6	86.1			2.3	30.47 71	68	66	69	"	Qu-nim	4	1
11	3	8	89.9		SSE	2.5	30.47 70			69	"	-1	3	1
Mid.	2.	7	92.6	4		3	30.4) 70	68	66	69	',	. "	5	4
1		1										13000		

under the command of Sommander & Strong Thursday Nov. 18 4 , U. S. Navy, , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until + " am Olar and cool dight It It & truye. Ot 2'2 stopper distilling and let fine die out. Motochuse USA strom Hos am to 800 am Fair- Calm to light buyes from N. C. Theriff in Dept of Supplies of acts. the fallowing frush Involvious - 120 lbs said of buffand begelables and 96 else breag. 1 att 6 2 lighter fries under Boilers. A B - D for tacken Joseph & White Meridian a light of the brigar. But, sing. Of 900 mustres at granter and ship was searched for storaways, work being found. Rigger in form forms, secured to all family and surfaments of the pathon of sunda up annother. But wendering at 18 " and stiamed out of the pathon of sunda and commended frech at the Comm. At 112 set course I SI 1/4 It. and put over fat long the ading of Reg order of Country Medical ander S. G. 2C) was the Commendation of the surface of the starter of the star From 800 am to Meridian Meridian to 400 J.M. Heretean to the South breeze from SSM to H.SM. Under steam alone Sent main or mingen topmast, staysailed galf topsail & min. Topsail. Suf on chafing gear affects took chain to sent it before. For left sea clothe line about it relow. For left sea clothe line about it here. Madeira in eight at end of watch. Steam 55 lbs Ov revolutions 43. Motherline USS

Trom 400 9. M. 6 600 8. M. Cloudy and pleasant dight airs and breeze from SxE alt = all for and aft rail except geff to pool. We sent from and four off pail laceful of topasil on course fr. S. H. Jr. As attains of the the Charles Friffing (ea) was this day given fall it onseable his large as a summer daw in eight asternal arranged and in eight asternal arranged.

Sum 6 - IM 68 - IM.
Cooky hight here him SSE 456 25. Ser sing to course 11.5 11. 14 M. under stram in trition A. God and ale four off, and except gaff topsail. Av. strain 55. av. sev. 42. IT. facking. Engine

Gurign From 80 P.M. to Midnight

Condy-cool high to equal here from SE. S. S. S. E. Bair rising Stopper firing at 90 and let fire dei gut in viles

AB-A A Minimisety of compression was pled propellor or made sail to top gallant pages meet maintail my sould, down

James gate

Angeles

Ange

J. N. Jorden Navigator,

LOG of the UNITED STATES Ship Essea & St. Witto W. of Rate,

		4			WIND.				BAROME	ETER.	TEME	ERAT	TURE.	State of		lear bs.	Sea.
Rour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.	3	0	95.6	N. S. n. 1/47	S & x S	2			30,45				10	fice	li-cu	7	S
2	3	7	99.3		,	3			30.45				69	" "	fr-"cu	7	
31	4	2	7.9		"	4			30.45	1 .	100	66	69	"	or.s	5	"
5	4	1	12.0			4			30.45	11	68	66	69	1	"	5	
6	4	4	20.9	,	C " 4	4.			30.45	69	10	66	69	4	"	4	4
8	5-	5	26.0	,	S.ExE	4			30.45	70	71	68	69	"		5	
10	5	4	36. 9	"	"	4			30.47	7/	72	68	69	4	"	5	,
11 Noon.	7	4	42.3	"	4,	4			30.47	70	70	67	69	",	"cu	3	* 3
Noon.	1											-					

Course and distance made good since preceding noon by observations,	/29 knots. tenths.
(Latitude by D. R.	310 ST. 38" N
Longitude by D. R.	18. 57. 18" 24
Position at Noon: Latitude by observations of ②	3/0 /1. 35" N
Longitude by chronometer from Forenoon Observations of	o 180 59, 0211 H.
(Latitude by N.TC.	31 0 02, 44, N.
Position at 8 A. M. Longitude by	18041, 21,1 8
	300 381 1411 1
Position at 8 P. M. Longitude by	19 0 34, 0011 /
Current during the time, // knots - tenths per hour, setting to the	4. 1/4 W.
Error of the Compass by Azimuth O observed at 9.02, ship's head 1/1. S.	N. 1/2 W . 240 001
Deviation of the Compass by Azimuth © observed at 9.02, ship's head 1/1.	N. W. 14 W. 50 001 variation used, 190 00.
Error of the Compass by Azimuth O observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	J/3 gallons.
Water during the preceding 24 hours,	,
Water remaining on hand fit for use at Noon,	2/27 " tons 810 lbs.
Coal consumed during the preceding 24 hours, .	tons / 800 lbs.
Coal remaining on hand at Noon,	/02 " 620 "

P. M.	6	3	JJ:7	21.5.W/4 W.	SEXS	4	1.	30.41	69	69	67	69	b.c	eu	2	i
1 2	5	3	61.0	n. S. W	SSE	4		30.40					"	· ·	3	1
	5-	2	66.2	,,,,,,	"	4		30.41	70	70	68	68		4	2	
4	5	1	71.3	"	5.825	4		30.41	20	70	68	68	"		4	
5	5	0	76.3	*	S. E x E	4		30.41	70	69	67.	68	"	Jainere	4	
6	5	7	82.0	,	"	. 4		30.41	71	69		68	"	ei-cu	4	11
7	6	1	88.1	,	"	4		30.43	71	69	66	68	"	"	6	
8	6	8	94.9	,	4	4		30.43					"	4	1	1
9	6	3	101.4	"	"	45	1	30.43			66	68		1	0	n
10	6	17	8.1		,	45		30,43	71		66	68			1	1
11	6	3	14.4	4	7	4.0		30.43			66	1	4	"	6	
Mid.	5	8	20.2		1	4		30,42	7/	69	66	68	',	A	6	"
	13														k.	-

Commander & Strong under the command of , U. S. Navy, , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Clear- hight to moderate S.E. & breze-Course H.S.H. H. Under all sail to I.G. sails educt mainsail and gaff lipeail. Barometer grady Moon rose at 125 Linksont USA From 4 as am. to 800 am. at 600 set royals, flying pet and galf topsail. At 14 set mainsail. At end what which in travel all pail leavest brigail. Stering when the sail set mainsail. At end white all pail leavest brigail. Stering when it is the stronger course it is the some sympe-pipe. From 800 am, to Meridian Javan de Frie guarles - ab andon hip. On course th. S. W. 14 M. Under all sail except man trysail. M. tackery Meridian to 400 J.M. Alondy and pleasant. Moderals bruge Jum S. E. S. Dar strady Exercised appenditions of praction on deck at signale moeting and splitting and principle paid on interpretary and Courter and Selling and driek. By order of Cobridge Min changes course at 12 to 1. S. M. Spakley 50.7 Charles Juffin se entertied for three years as a seaman. From 409 J.M. to 600 J.M. Cloudy - Moderate SEXE breeze. Sweet from No. From 600 9. M. 6 800 J.M.

Sais and pleasant Moderate being Jum S. E by E. Bar rising them steady. Detering course N.S. N. under de pail except by Stant. Miliajan N. S. N. no change in sail fum S. Ex 6. Barometer steady. On course

oneign

J. M. Jordan, Et. or Navigator.

LOG of the UNITED STATES Ship Essex
Making passage from Funchal Madeira to St. Kits M. O

Radometer Temperature.

Reading COURSES STEERED

WIND.

RAROMETER TEMPERATURE.

RANGE OF FORTER OF THE STATE O

				0	WIND.				BAROMI	TER.	TEMI	PERAT	URE.			lear bs.	T
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	
. M.	5	6	25.8	2. S. H	5.6.8	4			30.4/	70			1-	f.c	cu	8	1
2.	5	5	31.3	,	"	14			30.39	71	69	66	68	"	"	8	ı
3	6	1	37.4		. "	4.5			30.37	70	1 .		.68		en-sk	7	
4	6	6	44.0		"	4.5			30.38	-70	69		68	"		3	ı
5	6	5	17.5		"	4.5	•		30.39	70	69	66	68			5	ı
6	5	1	57.2	u	"	4			30.39	70	69	66	66	,		5	ı
7	5	5	61.7			-4			30.39	70	69	66	68	. ,	"	5	
8	5	6	67.3		6.5.8	4			30.39	20	70	67	69		,	4	ı
9	6	0	73.5		u	4			30.4	71	70				7	4	
0	5	4	78.7	. "	"	4			30.42	71	73	1	1	"		4	
1	5	1	83.8	4	"	4			30.39	71	74	170	69	4	eu-s	4	
on.	6	8	90.6			4			30.38	171	74	71	70	"		4	

Course and distance	ce made good since preceding noon by observations,	/30 knots. tenths.
	(Latitude by D. R.	290 26 5011 A
	Longitude by D. R.	290 26 5011 St 200 49' 35'11 St
Position at Noon:	Latitude by observations of O	290 451 47" N
	Longitude by chronometer from Forenoon Observations of ©	200 5/1 00 " W
	(Latitude by N.7C)	290 441 4411 N
Position at 8 A. M.	Longitude by	200 45, 2211 2
		290 28, 2911 N
Position at 8 P. M.	Latitude by Wes	210 15, 30, 2
	Longitude by	
Current during the	e time, /8 knots — tenths per hour, setting to the M4° W	140 401
Error of the Comp	ass by Azimuth o observed at 9 am., ship's head W. M. W.	
Deviation of the C	ompass by Azimuth @ observed at 9am , ship's head W. N. W	50 401 variation used, 190 00
	ass by Azimuth O observed at , ship's head	0 1 11
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
	uring the preceding 24 hours,	450 gallons.
Water	during the preceding 24 hours,	"
Water remaining o	on hand fit for use at Noon,	/677 "
	ring the preceding 24 hours,	- tons - lbs.
Coal remaining on		102 " 620 "

M.	4	1	94.7	21.5.	n	6.5.8	34	30.37	72	73	20	20	fe	Ci-St.	6
2	4	1	98.8				3.4	30,34	71	72	20	20	"	" "	4
	3	5	3.5				3	30.33	71	71	69	70	"	11	3
	3	2	6.7				3	30.33	71	21	69	20	4	ci-cu	3
5	3	0	0.4			,	2	30.34	70	70	69	70	4	ei zu	3
6	3	5	3.9				3	30.35	72	70	69	69	,	4	2
7	4	7	8.6	*			3	30.85	72	70	69	69			7
8	3	8	12.4				3	30.35	73.	70	69	69	,,	cu	7
9	2	9	15.3	,	i	,	3	30.37	73	70	69	69		"	5
10	2	7	180			6.5	3	30.37	73	20	69	69	"	oi-en	7
11	2	7	241			3.1.3	3	30. 35	73	70	69	69		"	7
fid.	2	5	23.2			" .	3	30.94	73	70	69	69	-		7

Commander & Strong's Saturday Nov. 20 2

, U. S. Navy. 1 , 18 97.

Commences and until 400 am-lear to cloudy last hour- Moderate to Jush bruge Jum S. E by E. Bar. Jailing. Under all sail except main trysall.

From 4 0 Am to 8 0 am
Fair. Moderate trucy from S. Ex E to E. S. E. Executed morning orders. Barometer
steady.

Mother Dienterant U.S. A. From 8 to am. to Meridian.

N. S. H. under Sale sail except trypail. St. S. E. Bar. Jalling Steering course

N. S. H. under Sale sail except trypail.

Sto. T. Trilians.

Sw. T. Thiliam & .. Miridian to 400 P.M.

Meridian to 400 J. M.
Sain- Moderate to gentle bruse from 6.5.6. Bar facting. It 200 shifter
Salint Log rulting over one reading 0.0 At 300 called all Plands to mistic and
read appropriate printing of Cumming Court Martial in case of Daniel Marionnell
(230) las falgoure. Deprivation of liberty on spore on Joseph Station for a
period of three monets, "Herry - Lagring ship without I hermission & remaining
absent until appearant and detirered on board. By order of Courty Spill
response D. March made from emfinement and restored him to defly
the words without permission in charge and prome.

Considerate

From 40 9.M & 60 9.M. Ochange from S.S.E. Barometer rising. No hange in sail of Bulling.

From 6 9 9.M & 800 9.M. Barometa strady. No change in rail Matheline WSN.

From 8° P.M. to Midnight.

Fair and pleasant - Just bury from E. E. and E. S. Dan Jalling At 1° tothe
in golf topsail and chanker My 93° harles down for and main topmast
starfacels. It end under flying jet jet murren lopmast starface hard
sappare pail to royale. Starting copies 1t. S. All

Mo. Wholesian

Energy

\$10. Whrsham Surign

J. N. Jordan, Lt.

hip Essex LOG of the UNITED STATES from Funchal, Madeira to St. With It. Making hassage Height International Height Bully, Bu ESE 5 25.7 2. S. M 30.327270 6969 30.31 72 69 68 69 30.31 72 69 68 69 8 East 2 30.3/7269 68 69 2 2 30.8/ 72 69 68 69 2223 80.32 72 69 68 69 2 30.32 72 70 69 69 6. N. E 6 x N 30.33 72 7/ 69 69 2 30.35- 72 74 72 69 0 3/.0 9 30.35 72 78 75 69 6 34.0 6 N.E 30.34 73 77 75 69 0 37.0 11 30.33 73 79 76 70 8 39.8 Course and distance made good since preceding noon by observations, S 48 7. 73 knots. J'tenths. 28 0 47. 59" A (Latitude by D. R. 210 401 0011 21 Longitude by D. R. Position at Noon: 28 0 56. 46 11 1 Latitude by observations of O Longitude by chropometer from Porencon Observations of ©

(Position at 8 A.M. Latitude by The # Johann

(Longitude by The 0 210 53, 10 1 8 290 00, 25" N 2/0 481. 5211 1 Position at 8 P. M. { Latitude by 280 41. " N 220 /6 .- " Current during the time, 14 knots 5 tenths per hour, setting to the Jr. 37 7 Error of the Compass by Azimuth O observed at 90m, ship's head. 11. 5 1/2 250 HB: N Deviation of the Compass by Azimuth O observed at 9 am., ship's head 7.S.W 60 431 W variation used, 190 00 W Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at · J70 gallons Water expended during the preceding 24 hours, during the preceding 24 hours, 1177 Water remaining on hand fit for use at Noon, tons 800 lbs. Coal consumed during the preceding 24 hours, 101 " 2060 " Coal remaining on hand at Noon, 6. N.E N.E 21.5.24 30.31 73 76 74 70 30.30 73 76 74 70 2 2 3 3 30.80 73 72 0 3 7/ 70 39.8 3 48 4 30. 30 73 72 70 70 43.2 30.30 72 7/ 70 20 30.30 78 7/ 70 70 3 47.0 3 50.K 30.3/ 74 20 69 69 54.0 3 30.33 74 20 69 20 30.35-74 20 69 20 2 56.4 32 1.2 30.30-74 70 69 70 30.35-73 70 69 70 3 11 1.2 30.35 73 70 69 70

under the command of Commy ander & Strong , U. S. Navy. Sunday Nov. 2/14 , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences, and until 4 00 am hauter in patent log reading 28.7. Wh 2 th hauter down missen leterast star-pail + hauter up port clear of mainsail. On course the Strender are plain pail to royale except spanker + port clear of mainsail. From Hos am to 800 am Clear-road and pleasant - dight to gentle bruse Jum 6. 1. 1. 66 S.E. Bar. Strady. Executive morning orders. Of 730 Strok in starboard clum of mainrail. From 800 am to Meridian Fair and warm of Synte & light bury from 6 x 1. to 6.1. E. At 900 mustered at quarter and the Could Mich inspective error and chip. At 10 th Could of ficien feels Divine Sovice on gum dick. Unbest and re-best per property. Bell: failing slowly. At 1200 haules in task log reading 39.8. durlinant USA Meridian to of a J.M. Gents to moderate breeze Jem & S. E wh. t. E. Bar, stray at 100 pet manical. At est lunder plan pail to regale except weather clar of manipail and spanker. Itering even M.S. W. Be order of Condy of mainpail and phan. Itering even released from surfement and restout to duty. M. Sterrart, W.S. was released from surfement and restout to duty. In main Sa. W. Trillams From 400 9.M. b 800 P.M. dight to gent buye from N. E. Bar. ming on course H. S. H. We charge in sail. O. T. Jackson. O. T. Jackson. From 8 = 9. M. to Midnight Light N. Ely - aire. Barometh stravy. at 9 = haules in falton log. At Siller.

Examined and found to be correct.

John Stunt Navigator.

hip Essea LOG of the UNITED STATES rom Tunchal Madeira to St. Wills N. d. Height in inches. att, Wet height in inches. 30.34 73 70 69 70 30.34 73 70 69 70 30.33 73 70 69 70 N. S. M N.E 20 22 20 30.33 73 70 69 70 30.32 73 70 69 70 30.32 73 70 69 72 30.32 73 70 69 72 30.33 73 70 69 72 30.33 73 70 69 72 N. N. C 2 2 2 30.35 75 71 69 72 2 30.35 72 73 20 72 30.35 73 75 72 72 30.35 73 75 78 72 11 Course and distance made good since preceding noon by observations, & W. 53 knots. 280 23' Latitude by D. R. 220 30 . Longitude by D. R. Position at Noon: Latitude by observations of O 280 201 X Longitude by chronometer from Forenoon Observations of O 220 331 N 260 27. Longitude by 220 29 Position at 8 P. M. Latitude by N 280 /31 220 421 knots 2 texths per hour, setting to the \$42 W Current during the time, Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth O observed at Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head JOO gallon Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, 101 " 2060 " Coal remaining on hand at Noon, P. M 21.5 X N.E G.C 30.35 73 75 73 72 3 2 10.31 73 74 73 72 6. N.E 1.2 2 30.3/ 73 74 73 76 10 0 30,317473 7272 1.0 12 30.33 73 72 7/ 72 30.24 73 7/ 70 72

N.E

E. V.E

30.36 75-70 70 72 20.3875-70 70 72

30.39 75 70 70 72 30.39 74 70 69 72

30.39 70 69 69 92

30.39 73 69 69 72

0

11

under the command of Commander & Strong , U. S. Navv. , 189). RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am sea Steering a course of S.W. under all square sail encept weather class of majorail. Of 34 set all fore and aft sail except main tograil of spanker, gaff topsail. J. M. Jordan, dimerant. US. St From 400 am to 800 am. Light beeze from the North to S. S. E. Set gaff break. Executive morning order. Mottpelme Mottpelme Mothelme USA From 8 00 am. to Meridian Jum. J. N. E. E. J. E. and J. E. Bar. steady. at 9 to hander down migging topingat of gays ail. Il 1/2 hander down main topingat staypail and fook in Major and galf lipsout and haule up mainsall. Of end under fore topmast stays ail and galf lipsout and haule up mainsall. Of end under fore topmast stays ail and hall pain sail to popular except mainsail and chanker. Itering course It. S. It. On 9th multiple at quarter and during the ferrod varified as follows, I his Junny furtruction I Dir Junny applications of Dir Sunney from the stay of the stay Morrigian to 400 PM.

Sair. Calone to light burger from No 6th Bar facting Excusion appunction of stiff, watch as follows: 15th Tenor. For Der - Complete. 5th Der Sale driver on many making By Jorden of Complete Mice released Jum confirment & response to duty Makor B. (230) and Whole Miles paring authority confirment on bread and water former for from J. B. (436) at the said of springling liquid on broad and ifthe laster for flips of the deep and appropriately and disolekting liquid or broad and ifthe laster for flips of the deep and appropriate for flips. It can deep and appropriate for flips of the deep and appropriate for former for the deep and appropriate for flips. In course for the Morrisance in paid. Of tacken Strom 400 9M. 6- 800 9. m appendite lat shortening call and reifing to pails and courses it is self for cler of mainsail. Under all plan sail to royale except spanker and starboard cler of mainsail. From 8 00 J.M. 6 Midnight.

Clear and pleasant high airs Jum A. M. E to 6 A. E. Bar cleady. Steering a

course M. S. W. Lo change of part.

July fordan, John Willewest himt , Navigator.

lih Essex LOG of the UNITED STATES Tunchal Madura 30.36 73 69 68 72 30.39 73 69 66 72 30.37 73 69 66 72 30.37 73 69 69 72 30.37 73 69 69 72 30.37 73 69 69 72 30.40 73 70 69 72 30.40 73 70 69 72 30.40 73 73 73 73 00 St. S. St 6. N.E 1.0 1.0 0 1.0 50

3 11 30.44 73 73 73 72 1/2 30.45 73 75 74 72 10 30.45 73 75 74 72 30.44 73 76 75 71 11 Noon

Course and distance made good since preceding noon by observations, S // /2 S 40 knots. tenths. 270 5% (Latitude by D. R. 57 Longitude by D. R. Position at Noon: 270 5/1 Latitude by observations of O 230 01. Longitude by chronometer from Forenoon Observations of O 280 02' Latitude by 220 500 Longitude by (Latitude by 270 28 200 24. tenths per hour, setting to the 536° W Current during the time, knots 25 served at Error of the Compass by Azimuth O. , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head variation used Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours, 500 during the preceding 24 hours,

327 " tons /840 lbs. Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, 220 " Coal remaining on hand at Noon,

P. M. S. H E.N.E f.c 2 3 57.5 3 5 3 3 3 0 64.0 4 3 68.2 71.5 3 3.4 44 6 962919 7 81.0 9 86.2 92.1 10 65 11 30.50 13 7/ 7/ 72

Commander E. C. Strong , U. S. Navy under the command of Tuesday Nov. 232 , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 age - ChE. Eleage way only on MSH course under all plan sail except site clar of mainsail + opanher. dientinant. U.S.N. From 4 an am to 8 on am Cloudy and bleasant - Light aire from E. V. E. and N. E. Bar, riving. Of 4th handed why madracel and plan sails to roughly except mainsail and openful. Stering ocourse H. S. H. Of 4th all by the fire in C. boiler for distilling. Jus M. Minains From 800 am to Meridian Cloudy-Light are to light breeze from N.E. Bar, cleary. At 900 mustered to enspect at Justin. Exercised Divisions as following. It Infantry. I'm Battery 4 as Jourden Division. I Tentale + Skirmlish. Forist Tourder, Battery. All Tourder. Signals. 2nd Person. Energial all Divisions at pearmankly distribution. On course It. S. It. No change in sail. At 800 communical Distribution. Distribution States magazin + chell some flood with and Sound show in good working order. Meridian to 400 J.M. Cloudy and pleasant. Sante brieze from 6. N. E to 6 a. N. - Barometer riving. By added of Confide Officer confined & Ferrio (A. 3.C.) In three days in doubtle from for repetative disofedience of orders and of Schlader (A. 3.C.) 3 days in doubtle from Low inspertinence to an Officer Extension appendix of watch iron desk at segmals, compass to motting and specieng and on monkey yard. M 130 took in mand royal to rever of the longer trustines set it again at 2 = Distilling. ASEllera. o from 400 P.M. to 800 P.M. Clear and plearant - Finite to moderate bruse from 6 VC to Cast. Barometer riving Smooth sea. String a course N. S. N. under same sail as preceding watch. At 4° set main formast staypail. At 4° set main formast staypail, main topinast spatcher and gall topsail. At 4° house down main topinast staypail. At 1° trailer feets main bissail and set still clem of mainsail. At 5° extremes apprehities at phortening, furling, refling and making sail. Distilling by order of Condo of fine reliable of apprehities at grand of Spring reliable. I supprings (A 3°) from double irospe, our confinements for guarder lack at 8°2 9° M. Lieutinant USA From 800 9.M. to Midnight.
Clear to cloudy Moderate E.S.E bruge. at 9 42 set main topmast
staypail moderate bracking.

Mittufue. Mittufue Juintenant. W. N. John Wyterwitt + Savigator.

Funchal Madeira 30,50 78 7/ 70 72 80,50 78 7/ 70 73 30,50 73 72 7/ 72 30,07 73 72 72 72 50,07 73 72 72 72 50,07 73 72 72 72 9-10.0 21. S. W 3 15.5 666776777 21.5 27.7 3 30.48 78 72 72 72 30.48 73 72 72 72 30.48 73 73 72 72 30.47 73 73 72 72 30.49 74 72 72 72 41.8 3 49.1 55.7 30.4974767472 30.4974767572 30.4874767572 71.1 905 10 Noon Course and distance made good since preceding noon by observations, S, H, 3/8 H /30 knots. 260 /21 Latitude by D. R. 240 421 Longitude by D. R. Position at Noon: 260 28. Latitude by observations of O 240 47 N 260 33 1 240 251 MR 250 35 1 Current during the time, knots - tenths per hour, setting to the Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, 1600 during the preceding 24 hours, 1400 Water remaining on hand fit for use at Noon, / tons 880 lbs. Coal consumed during the preceding 24 hours, 98 " 1580 " Coal remaining on hand at Noon, 30.45 67 75 74 72 30.45 74 74 73 72 30.45 74 74 73 72 30.45 74 74 73 72 f.c ファうららてらてファファ 2. S. 7 6. S. E 92.5 0.1 0 7.1 5-86091 13.9 30.46 74 73 72 72 30.46 74 72 72 73 30.41 75 72 72 73 30.41 75 72 72 73 20.5 27.5 30.4) 74 72 72 78 30.4) 74 73 72]3 30.4) 74 74 72 73 30.4) 74 74 72 73 5 48.7 9 6 . S 5 64.1 11 5.6 71.3 5.6

under the command of Commander & Strong , U. S. Navy, Rednesday Nov. 24th , 18 97. + RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am. Some from 6.S.E. Bar steady then Jacking. Steering bourse H. S. H. Str change in bail during walth. It Tilliains Ensign From 4 and am to 800 am.

Cloudy - Moderate to slift breeze from 6.5.E. Bar rising. At 7'2 took in and furfest royale. At lint an course It. S. It. under all sail except royale, main Juyeail & port clin of mainsail.

OP. Jeelen. OF Freder From 800 am to Meridian Con Sar strady. At 82 set royale. At 920 muster Cloudy - stiff bruge from 6 x 5. Bar strady. At 825 set royale. On shortning and at quartite after which expresses appointeres at stations for shortning and making a sil- Survival flien ikehelt bags second period By where of comba of fire and flien (0.3.0) in double from the one day for attaining fresh water and places of Batte (0.5.0) + I France (0.6.0) in double irone on quarter deck for two Lagy. For disobedience of order Disting.

From Meridian to 400 P.M. Stoff bruge Jum 6. S.E. Barometer steady Smooth sea- Steering a course H. S. H. No Change of sail Distilling.

Schilmant, W.J. A

From 400 J.M. 6-800 J.M. four at 6th standing to 11 to 4 H. Distilling Sighter a strawn on fort Wortherline W.S. N.

From 8th J.M. to Midnight.

Fair and pleasant Stiff to Just buyer from E.S.E. and E.S.

Bar stady. At 18th hauter down main to findst staysail. At end under minen Stepment staysail, got to peak and plaint sail to soyah walls fort clear of maintall. Steering coulse of St. Mistilling.

Tho. W. Trunames 6 migns

John Wittens + Savigarer.

LOG of the UNITED STATES.

Abouting passage from Junuhal, Madeira to St. Thitts. H. L.

Beading Patent by Standard Compan.

Direction by Standard St. Time: Log.

WIND.

BAROMETER TEMPERATURE.

Bate of The Walter, Clones, by Standard Compan.

Direction by Standard St. Time: Log.

WIND.

BAROMETER TEMPERATURE.

State of The Walter, Clones, by Standard St. Time: Log.

State of The Walter, Clones, by Standard St. Time: Log.

WIND.

BAROMETER TEMPERATURE.

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State of The Walter, Clones, by Standard St. Time: Log.

State of The Walter, Clones, by Standard St. Time: Log.

State of The Walter, Clones, by Standard St. Time: Log.

State of The Walter,

				Reading	0 0	WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			lear hs.	Sea.
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the
A. :	M.	7	7	79.0	7. S. A	East	5			30.45		71	71	72	f.c	ci-cu	8	m
:	3	8	0	87.0			5.6			30.44	1	72	71	72	"	- 4	8	
:	3	8	1	95.1			5:6			30.42	-	73	7/	12	4	11	7	-
4		7	9	3.0	4		5:6			30,42	1	71	70	72	4	0"	7	
1		7	3	10.3			5.6			30.42	73	7/	70	72	4	Ju ou	4	-
6		7	7	18.0			5.6			30.42	73	72	20	72	4	y nim	4	
7		7	6	25:6			5.6	233		30.43	1	72	7/	72	4	fr. cu	4	4
8	1	8	2	33.8			6.6			30.43	73	73	72	72	1.	o sh	4	4
9		7	7	41.5		6. S. E	6.8			30.44	72	72	71	72	6. c, q. p		4	
10	1	8	3	49.8	1 xS	Ext.	6.7			30.44	73	74	73	72	v.c.	"	4	
11	1	7	7	57.0	,	"	6.7			30.41	73	75	70	72	"	4	7	
Noon	1. /	7	5	65.0	"	"	6.7			30.40	74	76	13	72	4		17	"
	1											-					1	

Course and distance made good since preceding noon by observations, S H / U/80 knots. 240 241 (Latitude by D. R. 270 01. Longitude by D. R. Position at Noon: 240 351 Latitude by observations of O Longitude by chronometer from Forenoon Observations of O 270 05. 240 38. 260 361 Longitude by ous. 0 240 06, Position at 8 P. M. { Latitude by Longitude by 280 08 1 Current during the time, 0 knots 5 tenths per hour, setting to the A. 18 H , ship's head Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth O observed at , ship's head variation used, , ship's head Error of the Compass by Azimuth O observed at , ship's head variation used, Deviation of the Compass by Azimuth O observed at 500 Water expended during the preceding 24 hours, 1300 Water - distiller during the preceding 24 hours, 2200 Water remaining on hand fit for use at Noon, / tons /680 lbs. Coal consumed during the preceding 24 hours,

.30	+	0	69.0	22 x S											
P. M.	3	7	72.7	21/25	East	6.7	30.40	74	77	70	72	b. c. q. f	nim	4	m
2	7	4	80.1			6.7	30.38					6.6	li-au	6	
3	7	2	87.3			67	30.37	24	74	12	72	"	,,	6	
4	7	7	95.0			6.7	30.36			71		"	"	5	
5	7	9	2.9			6	30.87	73	73	70	72	4"	. "	5	4
6	7	5	10.4			6.7	30.37	74	73	70	72	b.c.9, 6	ou. st	4	-
7	7	6	18.0	*		6.7	30.39	75	72	70	72	1.7	"	4	"
8	8	1	26.1			6.7	30,39	75-	72	70	72			6	
9	8	1	34.2		*	6.7	30.39	74	7/	70	72	4"		5	
10	8	0	42,2		*	6.7				7/	72	6.c. 91		6	
11	7	8	50.0		"	6.7	30.39	73	71	70	-	6.9.9.6	4	6	
Mid.	1	7	57.7			6.7	30.39	73	71	20	72	6.6.6	"	6	4

96 " 2/40"

Coal remaining on hand at Noon,

Commander & Strong under the command of , U. S. Navy. , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commence and until 400 am. Barometer Jacuing. Oh 100 Landed down miggen both ast playsail. Steering course H. S. H. under are plain said to rayale except port clear of mainsail) and gaff loopsail. Distilling to tooker. From 4 am to 800 am bruge from East. Barometer steady. Of 400 took in Japanker and gaff Soprail. Executer morning orders. Enrign. Onsign From 800 am. & Meridian. Clear and pleasant - Jassing rain aguall Juit how of watch cheer by Just breek by Just by Just by Just Just be Just by Just by Just be the Clearing a chance sail to sugar before clear Just manual and sich At 8° note in and Just sugar at 10° set them I by 1° ty when Just Just Just by Just J. S. Jordan, Lintenant, W.S.N Meridian to 400 PM. Cloudy to Jain. Tresh to very Just breeze Jum the East. At 1200 changed course to 32%, 5 par long off Bay order of County Tiers D. Fairchieffe 300 was confirmed in South from John two days, Tend - skylarhing with a presoner. Distilling. Dar. falling clowly. Solloforing Sen. Ship sulling heavily but times. Watherline dientenant, W.J. St of rom 400 P.M. 6- 800 P.M. Sain- passing chower, Epish to very fresh breeze from East. Bar rising them strang. I at 500 took in royales at 600 feeled mains ail. At end under get band agree sail to toppostmonsex cept mains ail. Course It 1/2 S. A Distilling. Da Tr. Mylaus From 800 P. M. to Midnight.

Baromeut strady. M 112 Jinisher distilling fand let Jihrs die out Steining course N/ 5. Not change in pail.

Det. Lection. Gneign Examined and found to be correct. John W Therend-O Llint T Navigator.

LOG of the UNITED STATES Ship Essex . Making Sanage Sum Sunchal Madina to St. Milts. H. C. Rate,

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.			ear bs.	4
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.	7	3	65.0	N. 1/2 S	East	6.7			30.37	78	72	20	-	t.c	cun	5-	m
2	7	0	72.0		4	6			30.37	73	72	69		1"	,	6	
3	7	1	79.1		*	6			30.36	78	11	69	77	€. c. f		4	-
4	1	1	86.2			6			30.35	78	11	70	71	",		7	-
5	5	3	93.5		"	6			30.34	70	71	70	71	f.c		17	
6	6	6	1.1			J.6			30.36	73	71	70	72	"		6	
7	7	0	21		6 x.1	5:6			30.37	78	72	71	73	"		5	
8	7	9	150		,,	5.7			30.37	73	78	71	73			5	"
9	7	2	22.2		East	6.			30.35	73	73	71	73	"		5	
10	7	8	30.0			6			30.38	74	75	72	73	"	-	5	
11	8	8	38.8			5.6			30.38	74	77	74	73	4	Qu-cu	6	
Noon.	7	3	46.1			5.6			30.37	75	78	75	73	4 .	0 "	5	

Course and distance	the made good since preceding noon by observations, S 7 x 1 /2 27.	/70 knots.	tenths.
	Latitude by D. R.	23 0 09'	" X
	Longitude by D. R.	300000	" W
Position at Noon:	Latitude by observations of ②	230 17.	" N
	Longitude by chronometer from Forenoon Observations of ②	290 47	" H
	(Latitude by My	20024.	" N
Position at 8 A. M.	Longitude by obs O	290 17'	" N
	Latitude by D.R. Junn P.M. No. 0	220 61.	" N
Position at 8 P. M.	Longitude by DR (from J. M. Oto. 0	300 27	" N
Current during the	time, o knots of tenths per hour, setting to the 6. J4°	t. /	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth O observed at , ship's head		variation used, ° '
Error of the Comp	ass by Azimuth O observed at , ship's head	0 /	"
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, °
Water expended du	aring the preceding 24 hours,	500	gallons.
Water dist	tiles during the preceding 24 hours,	800	"
Water remaining o	n hand fit for use at Noon,	2500	"
Coal consumed dur	ing the preceding 24 hours,	tons 400	lbs.
Coal remaining on	hand at Noon,	96 " 174	0 "

P. M.	6	7	.12.8	21/25	Cast	5.6	30.34	75	81	76	73	f.c	Cu-sh-	7	m
2	6	4	59.2	, ,	"	5.6	30.32	75	78	174	74	, "	. "	2	"
3	2	1.	66.3		,,	J:6	30.3/	74	76	73	14	b.c. 9. 1	cu	5	
4	7	7	740	"	6 x A	5.6	30.31						"	6	4
5	16	4	80.6			6	30.31	14	73	71	74	4	4	6	4
6	7	3,5	87.9			5.6	30,33	75	73	11	74	"		6	4
7	6	5	94.4			5.6	30.35	75	78	71	74	"	,	6	4
8	6	8	1.2	"		5:6	30,35	75	73	21	74	AN.	0"	7,	4
9	6	6	7.8			5.6	30.85				74	b. c. 91	Juneur	.6	4
10	6	3	14.1			5.6	30.35	75	73	71	74		" "	6	"
11	6	2	20.3	and the same		5	30.35						en	8	41
Mid.	6	2	26.5			5	30.35	75	13	7/	74	"		8	"

Commander & Strong , U. S. Navy. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am ... Such buy Jum Each. Barraneter facting . Under Soprails, top galladt sails, Jolishila and site Darometer facting. Under Soprails, top galladt sails, Jolishila and site Ensugn Commences and until 400 am From 400 am to 800 am bruge from 6 to 6. A. Barometer rising then steady moderate life ship rolling duply at time. Steering a course 1st 1/25. For change of pail. Lievenant. U.S. St. From 8 00 am li Meridian.

Fair - Stiff to Such buse from the East. Of 900 pet soyale - moderate Jolling sea Ship occasionally solling heavily of 900 murbin at quarters, and sources as Jallhuse! 12 his bindiabling signals all other divisions gummery instruction. But order of the Compay Disin C. Janin (2,36) and I Schlosofer (2,36) were released from confinement, took having expired.

Mithelium Motheline dientenant, Work Fair and pleasant - pering ram agual 30 hom. Till to fuch from Jum Cent and 6 x V. String could HIS under pane pail as fleeding watch Exercised electronic watch, 1st 3rd and Jow. Divisions at eignal. By order I Comby officer, confined VII London (4.00) for two days it double from In Warring the boys for huter in tag and C. B. Gitte (4.50) for one day in bouth informed for "Tehricalist in fraction of the rules of the chiff in regard to the new of Notraces" Meridian to 400 J.M. GIE. W. Miliams From 40 9 M to 800 9 M.

Jain - still to Just bein Jum, 6 x St. Barometer rising Exercises all hands
at stational for making and shorting axil. At 5 took in & furle rayele.
On course H / S under Vapacilo, lofgakant pails, Joresail and Jet Lackers
Ensign From 80 J.M. 6 Midnight. Siff breeze Jim 6 x A. Baromete steady. No change in sale. Dellan. Examined and found to be correct.

John Mewast Navigator.

LOG of the United States Ship Essea State, Madeira to St. Wilto. M. of. Rate,

				1	WIND.					AROMETER. TEMPERATUR			TURE.			lear bs.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	9 5
A. M.	6	1	32.6	11/2.5	Ext	40			30,33	1	1.	7/	74	l.c	cu	8	m
3	6	80,	38.4.	u	"	4			30.33	74	73	7/	74	"	"	8	"
5 6	5	648	50.0	4	"	4.5			30.3/	74	73	-	74	"	fa- cu	86	
7 8	56,	90	10.1	4	6. Jr. C 6 x Jr	5			30.33	74	74		74	"	Fracen	6	
9	66	5-	85.7	u	6. J.E	5-			30.36	75	77	74	24	"	Jr. en	76	,
Noon.	5	2.	96.7	4	u u	5			30.34	1	79	75	75	"	-	6	

ī							
	Course and distance	e made good since preceding noon by	observations, SN. N	1/2 At 150 knots.	tenths.		
		(Latitude by D. R.		22 0 06.	" A		
ı		Longitude by D. R.		820/21	" 2		
	Position at Noon:	Latitude by observations of O		22007.	" N		
		Longitude by chronometer from For	renoon Observations of O	320 07,	" %		
		(Latitude by		220 /7.	" . N		
	Position at 8 A. M.	Longitude by Ols. O		3/044	" H		
		(Longitude by		210 54,	" N		
	Position at 8 P. M.	Latitude by DR from	PMI. of a	33 0 04,	" H		
		time, - knots tenths per					
				0 (
		ass by Azimuth O observed at	, ship's head			0	-
	Deviation of the Co	ompass by Azimuth @ observed at	, ship's head	0 ,	variation used,		
	Error of the Compa	ass by Azimuth O observed at	, ship's head	0 1	"		
	Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 /	variation used,		
	Water expended du	ring the preceding 24 hours,		450	gallons.		
	Water	during the preceding	24 hours,		"		
	Water remaining or	hand fit for use at Noon,		2050	"		
		ing the preceding 24 hours,		tons 800	lbs.		
	Coal remaining on		1	. 96 . 940	"		
	coar remaining on	nand at 1001,					

P. M.	2 5	2 3	98.9	24 1/2 S	6. J. E	5-	30.33 7	5-7	9	25-	75	b.c	Ja. cu	6	m
2	5	2	7.4			5	30.30 70	5-7	197	75	70		0 ,	6	4
3	.5-	7	13.1	"	*	5	30,30 70	5-7	16 7	14	75	,	,	7	4
4	5	9	19.0	"	,	5	20.29 70	5-7	5	72	75	4.	"	7	4
5	6	5	25.5		,	5	30.2974	47	4:	72	75	"	"	1	4
6	5	5	31.0	"		4.0-	30.29 7						"	8	4
7	5	6	36.6		•	4.1	30.30 70	5-7	2 3	71	75	,	1	8	1
8	5	1	41.6	4	6 x N	4	30.34 70	67	2:	21	ケリー	"	,	1	11
9	14	6	46.2	,		4	30.35 7	6 7	4:	72	75	"	4	1	4
10	4	6	50.8		,,	4	30.35 76	67	4;	72	74	"		7	
11	5			and the second	"	4	30.3576	67	49	72	14	",		8	1
Mid.	4	3	60.1		,	4	30.35 70	5-7	4%	72	74	4.	-	10	-1

under the command of Commander & C. Strong.

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 am. Polish and pleasant. Moderate to stiff bruse from Ex St. Barometer falling very slowly. Moderate sea - Steering at educate It /s S under square sail (except mainfail) und jit. Jordan. From 400 am to 800 am Olean and pleasant-Moderale to stiff bruge Jum & a. St. to & St. E. all 6 - set sofate. At 7'2 set flying git from clear of mainsail and 8'2 took them in . Executive morning orders. Motulus di S. S. St. From 800 am lo Meridian Stiff bruge Jim 6 x V. and 6. N.E. Bar. Javing. Of 920 pet hort clear of mainsail and under jet and against sail to royale except betarboard clear of mainsail Course 1/2 5. Meridian to 400 g. M. E. Bar Palling. Of 125 Changes course to 11/2 1. (3 f. 989) Experied fore royal yarding at lovering and Junting fore royal. At 125 art leging git, main & migren between Raybaile. I By ander of Country of Grade J. B. (3.5) and by same auctionity confining to drift form on sealed & grade through the 13.5 of Murphy J. (13.5) are former for small days for Involence to a Sety There are letter for that for free group in Solitary wonfine for group in Solitary and the latter for the grown grown in doubt irons for three days for earling a Jetter freely a vile name and day attractions to the flair for earling a Jetter freely a vile name and day attractions it to the formal factory conduct. Courses it to the Main all plaints sail to royale coupt of mains and mains a minglen to penals glaiffalle on parker & Jetty eleer of mains and mains a minglen to penals glaiffaller. From 400 9.M. to 800 P.M. Barometer Sun & N. E to Ex. N. Barometer rising. M 412 set fore royal. Jones from E. N. E to Ex. N. Ball From Pro J. M. to Midnight.

Olear and pleasant Myderate breeze from 6 x 1. Barometer steady.

Stering a course It h. St. No change of sail.

Stering a course of hospitaline. S. S. Jordan, W.S. A.

Examined and found to be correct.

John Stewart fruit or Navigator,

LOG of the UNITED STATES Ship Essex
Making passage from Sunchal Madura to Sh Tute H. of

				,	WIND.				BAROMI	ETER.	TEM	ERAT	TURE.			lear bs.	
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	and do nother
A. M.	4	3	64.4	21/2 A	6. N. E	4			30.34	75.	74		74	h.c	-	10	-
2	4	1	68.5	"	"	4			30,33	1	74		74	"	1	10	1
3	3	7	72.2	"	"	4			30.32	1	- 4	7/	74	"	cu	9	
4	4	0	76.2	"	"	4			30.3/		73	71	14	"	111	9	
5	4	1	80.3	"	Ex.t	4			30.32		73	71	74	"	"	1	-
6	4	5	890	4	East	4			30.82		13	7/	75	4	Cirus	6	
7 8	4	0	93.0	"	"	4			30.8/	74	73	71	76	4	9	6	
9	4	1	97.1	4	Exs	4			30,35	74	17	75	76	"	4.	7	
10	4	1	101.2		East	4			30.36		78	76	76	0"	"	6	
11	4	8	6.0			4			30.36			25		t.c. p	en	4	
oon.	4	3	10.3	4	4	4			30.34	15	79	16	16	t. U		4	1

Course and distance made good since preceding noon by observations, 7. 5 1. 14 1.	/22knots. tenths.
(Latitude by D. R.	210341 " 1
Longitude by D. R.	140 041 " W
Position at Noon: Latitude by observations of O	2/030 " 11
Longitude by chronometer from Forenoon Observations of ©	34.06. " 24
NA	2/039. " 1
Position at 8 A.M. Longitude by Longitude by	33 044 , " W
(Longitude by	210191 " N
Position at 8 P. M. Latitude by N.R. Jum P. M. obs. 0	340 33: " M
Current during the time, 0 knots 2 tenths per hour, setting to the \$ /90 M	k.
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used,
Error of the Compass by Azimuth O observed at , ship's head	0 1 "
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	450 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	1600 "
	- tons - lbs.
Coal consumed during the preceding 24 hours,	96 " 940 "
Coal remaining on hand at Noon,	10 " 740 "

P. M.	4	4	14.7	21 /2 N	Exx	4	30.31 75-79 76 76 G. e Jonin 6
2 4	+	2	18.9	,	"	4	30.31 75 84 81 76 " Si-cu 6,
3 4	4	1	23.0			4	30.3176 86 7976 4 6
4 3		8	26.8	"	East	4	10.29 76 82 79 76 4 6
5	3	7	30,5		E' x S	3	30.30 76 77 76 76 " "
6 4	4	1	34.6	"	"	4	30.32 76 75 74 76 " "
7 .4	4	1	38.7	,	,,	4	30. 34 77 75 73 76 4 4
8	4	/	42.8		"	4	30.35-77 75 73 76
9	4	2	47.0		East	4	30.36 77 73 73 76 14 Cu. L 2
10	6	0	53.0		1.6	4	30.35-76 73 73 76 6.6. 6 11 2
11 4	5	1	58.1	"	6. N.E	45	30.35 76 7/ 7/ 76 4 3
Mid.	4	3	62.4	4	East.	4.5	30.34 75 72 72 76 be "
			-				

under the command of Commander & Strong Sunday, Nov. 28

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 am Clear and pleasant. Moderate bruge Jum & N. E. At 2's hauted down main topmast staypail. At end under miggen topmast staypail and plan shil to robale except setil cler of maintail and spanger Course H/2 A. Mas Whyllams From 400 am. 6-800 am Fair moderate brien from E.A. E to East. Barometer straty. at 64 hauler down migen toffen hat slaguard & flying git and Hauler up fort clear of intainsail. On course It 1/2 M Singles all ognare soil (except maineail) + jit. of tacken Change in Som to Meridian, Watch Moderate being Jum 5.5 to Each Bar. Meing them falling to the good muster at quarters after which Commanding this inspection of and crew. Het Divine Service Commanding officer of change in sail. Meridian to 45 9.M.

Cheer som pleasant. Moderate breeze Jum 6 x t. t. 6. Barometer steady then

Jalling. Eltering a course W/2 t. Wol change of sail. Day order of Comby

Theire released Jum confinement of it London (M. 3.Cl) exploration form
Jenement. Delivered acting appointments to H. Jaley as B. M. 2 Cam V. I. Clauson as

Line grown.

Line Jordan.

Line Jordan. J. J. Jordan U.S. A. From 400 9.M. 6600 D.M. Fair and pleasant. Gentle to moderate breezes from ExS. Steering course 11/4.4. under git and square sail to royale except mainsail. Gro M. Trumains From 600 PM. 1800 PM.
Sair. Moderale bruze Jun ExS. Bar. rising Dr. course St/2 A. No change in gail
Of Lachen
Ensign From 80 9.M. to Midnight From 8° J.M to Midnight,
Cloudy with passing shower of rain-Moderate to slift breez from East shifting to
M.E section hour and to East last hour. Bar Juelly 1 and Je took in royale
all fore main and migne topmast staypails and port clear I maintable.
Who work in main of major topmast staypails, but them algain at 11-and
took them in at 112 at 12 took in port clear of maintable. On course
Wh. M. under toppallant sails, topsails, foresail, fit and fore topmast
staypail.

John Stewart Navigator.

LOG of the United States Ship Essia Go Rate Making passage from Tunchal, Madeira to St. Kilte. N. C.

Hour.	lots.		Reading						BAROMI			ERAT	URE.			19.0	3
	2	Tenths	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl Sky, in 10th	State of the S
A. M.	4	9	67.3	1/2.1	6. N. E	41			30 33				76	b.c. 7	eu	4	5
2 4	+	8	72.1	И	. Sr. Ext	4,5			30.31				1000	11	41	5	
3 4	1	9	77.0		6xx	4			30.29					v.c	"	4	"
4 2	2	7	79.7	,	6.5.6	2.4			30.29				76	"	"	6	-
5 3		3	83.0		E. N.E	3			30.29					"	"	3	
6 3		7	86.7	,	GxN	3			30.29			-		4	1	2	
74	4	7	91.4		"	4			30.9/					7	0 "	2	"
8 5	-	3	96.7		East	45			30.31					•	J'sti	14	-
9 4	-	7	1.4		"	4			30.38	74	74	73	76	"	frien	3	24
10 4	11	6	6.0			4			3034	75-	75-	74	76	n		3	4
11 2		9	89		S.S.E	2.5			30.32	75	77	75	76	14	Dr-en	4	1
Noon. 2	2	-	-		5.6.8	2,3			30.31	75.	75	74	76	b. c. q	·	5	4

Course and distance made good	since preceding noon by ob	servations, M.S. W/2 St.	//0 knots.	tenths.	
(Latitude b	D. R.		1/0 011	" A	
Longitude			350 49.	" N	
Position at Noon: {	observations of O		200 57.	" N	
	by chronometer from Foren	oon Observations of ⊙	350 49.	" H	
(Latitude by			210 01.	" N	
Position at 8 A. M.	hu do o		350 341	" dr	
(Latitude by	D.R.		200 49,	" N	
Position at 8 P. M. Longitude	D.R. Jum P.	m. obs. o	360 30,	" 4	
Current during the time,					
Error of the Compass by Azimi		, ship's head	0 /		
Deviation of the Compass by A		, ship's head	0 1	variation used,	0 1
Error of the Compass by Azimi		, ship's head	0 /	"	
Deviation of the Compass by A		, ship's head	0 (variation used,	
Water expended during the pre			450	gallons.	
Water	during the preceding 24	hours,			
Water remaining on hand fit for	r use at Noon,		11-50	. "	
Coal consumed during the prece			tons 800	2 1bs.	
Coal remaining on hand at Noo			96 . 14	.0	
					-

P. M.	2	9	11.8	21/2.1	East	2.3	30.29 76	80	77	76	f.c	cu-sh	6	5
1/5	2 %	9	12.7	21 3/4 N	Exs	2.3	30.28 76			77	"		6	
3		3	18.5			3	30.27 76	80	78	77	"	4	4	
4	5	1	236		Ext	3.4	30.27 76	76	75	76	4	cu-s	2	
5	8	5	27.1			8	30.24 76	10	73	76	"	4	5	,
6	3	4	30.5		. "	4	30.25-76	24	74	76	,	"	2	4
7	5	7	36.2		,	4.5	30.27 76	73	73	76		.,	3	4
8	3	3	39.5		J.E	3.4	30.29 76	73	72	76	b.c. p	Qu'en	2	
9	4	0	43.5		,	3.4	30.29 77			76	b.c	J's ou	5	4
10	2	8	45.5		East	2.3	30.29 7		12	76	"	4	5	7
11	3	1-6	48.2		"	3,4	30.28 76	74	72	76	4	"	7	11
Mid.	3	8	52.0	4	"	3,4	30.27 76	74	72	76	"	1	5	1

under the command of Commander E. Strong Thomas Lov. 29 th , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and uptil 400 am Cloudy with passing shower clearing latter part of watch dight to cliff trust from ENE to StExEl Bar falling then steady! Smooth sea. Sterring a course W/2 At under square sail to work, except majorsail sit and fore leftmast playail at 14 set port clew of maintail. It 2° alt maint & medgen topmast stayaile. Hauler stands above and hauler up port clew of manual at 24° alt 3° set still clev of maintail. At 3° Rabeler up site clev of maintail. inlinant, U.S.A From 400 am lo 800 am Bar Harfing. String a course It h. I. at 150 per port clim I mainsail at 30 hauter it self again. At 700 all royale at end under pit and fore topmast alayable and agrave pail tot royale except mainhail. Dro. W. Milli am From 800 am. to Mexidian Stom 8 " (M. " Meridian Cloude and le light here Jum East to S. E. Bar variable M 9" muslaut in - cloude and warm-dight airs to light here Jumis. 14 Dir. Light 2 Dir. Single clicked Dir. Infanty Work Dir. Japanes 2 Dir. Single clicked Dir. Infanty Work Dir. Japanes 2 Jumis 2 Dir. Single clicked Dir. Infanty Work in affective all spell single of and at 12 or on a few last a get and at 14 or on a few all the part clien I manusail who was a few of few I manusail at 12 and on course Hint. I manusail to say the except of anter 4 port clien I mainsail) fore to final sail to say the except of anter 4 port clien I mainsail) fore to final slageret. Meridian to 4 = J.M. Cloudy light to moderale breeze from East to 6 n.f. Dar, I alling aboutly. By wider of Counting of fice confined & H. Hardanily (a. o. C.) for 3 days lim double irom for insulvoidmate especially of Sanchurch (200) for 3 days in double from god the form of the form of the form of the first of the confidence of the co hours orke M3 2 set Elping get and all Vormant clays all I to the in altid claw of manuscut , all port clar-bogula a sailing result that should on altid greater attending to Ho M 12 by order of Combig officer changes course to Mich. A 12 Table of main along the comment account. Of 312 look in main - solgger lopmast staysail. Sporm 4 = 9.11 to 6 = 9 M.

Clear and pleasant Areatening pain squall last how furgital Sevel to freed being from East. Par falling the princip Sterning a co
Not under some pail as freeding watch. US " with in furled royals of flying get. Excessed afficulties at manning glas

Or 1911 1- 9 = 9 M.

Low 1911 1- 9 = 9 M. Clopady light passing shown last how genete to moderate being from between Ent. 45 E. Steving course H W. A. No harings it again to the second of the second The Expringer and bound able the free fit.

The surprise of th John Withwart Variation.

			Postlan		WIND.			BAROMI				URE.			lear bs.	1	
Hour.	Knots.	Tenths.	Reading of Patent Log. COURSES STEERED by Standard Compass. Direction by Standard Compass.		Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl Sky, in 10th	- delan	
. M.	4	1	-56./	2/ 3/4 N	East	34			30.25	75-	72	72	76	l.c	Cu-Sh	4	-
2	2	9	590		"	3			30.24		-		76	"	"	4	Ī
3	4	0	63.0			3			30.22					"	14	6	
4	U	5	67.5		*	3.4			30.22					4	4	6	-
5	3	7	70.2	4		5			30.22					1		6	
6	3	8	75.0	,		3			30,22	75	73	72	76	,		5	-
7	4	3	79.3			3.4			30.24	75	74	73	77	,	-	6	
8	4	4	83.7			3,4			30,24	75	74	73	27	4	girus	5	1
9	4	1	87.8		,	3.4			30.27	75	75	74	77		9 "	6	
0	4	3	92.1			3.4			30,26	20	78	76	17			5	1
1	4	3	96.4			3.4			30.25	75	79	76	:77			6	
on.	3	6	100.0		EXN	3.4			80.23	70	78	76	77			6	

Coal remaining on hand at Noon.	tons /520 lbs.	
Water remaining on hand fit for use at Noon,	650 "	
Water during the preceding 24 hours,		
Water expended during the preceding 24 hours,	Joo gallons.	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o · / variation used,	0 '
Error of the Compass by Azimuth @ observed at , ship's head	0 1 11	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used,	0
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /	
Current during the time, knots - tenths per hour, setting to the		
Position at 8 P. M. Langitude by D.R. Jum P. M. Obs. 0	370 04, " 88	
(Longitude by	370 08, " 8	
Position at 8 A. M.	200 38, " 1	
Longitude by chronometer from Forenoon Observations of ②	070 201 " W	
Position at Noon: Latitude by observations of Θ	200 35, " 1	
Longitude by D. R.	370 26, " W	
(Latitude by D. R.	200 341 " N	
Course and distance made good since preceding noon by observations, M. S. W. /2 W.	// knots. tenths.	

. M.		,		6/ 1/ /	6 6		2 2 2 22	0 0 -
1	3	4	3.4	7. 3/4.N	Exs	3	80.10 76 77 76 77	T. c guan
2	3	0	6.9	"		3	30.19 76 77 76 77	" 4
3	3	4	10.3		· 6x1.	3	00.18 76 77 76 77	" "
4	3	9	14.2	"	. "	3	30.187676767577	" "
5	4	1	18.8		4	3	30.19 76 75 74 77	" Cu-Sh- 3
6	4	1	22.4			3	30,20 76 76 74 77	" " "
7	4	0	26.4		Earl	3	30.22 77 74 73 77	" 4 6
8	3	3	29.7		"	3	80.24 77 74 73 77	4 6
9	3	3	33.0			. 3	30.20-71 74 24 76	ei-cu 4
10	2	8	35.8	*	4	3	30.20-78747476	" "
11	3	17	39.5	4		2.3	30.2477747476	" " 6
Mid.	3	7	43.2		,	3	30.23 76 74 73 76	" en s

Commander & Strong , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. nmences and until 4 = am Cash. Barometa Jacking. Under top gargent railer action. Commences and until 4 to am topsails, Moresail and get. strom 400 am. to 800 am Clear and pleasant. Genete to moderale breeze from East. Bar rising cloudy. Clearing a course of 1/4 st. under same said as proceeding watch. Who 1/2 set proposed a sailing versel in eight, at daylight, on fort beach, standing to the 1/2. From 800 UM to Meridian Fair and warm - Genete to moderate breeze Jum East + Ex N. Stering course 1 1/4 A Oth 11 per port iter of mainsail. It end in del jit and square saile to royale except self! ever of mainsail. I split magifine flow cooke It ? minister at quarters for inspection and iten exception as Justimus: Towder Division Justice 1st Division Liquale. I'm Infantry with Dir. Infantry. Dir. Infantry. Dir. Infantry. Dir. Infantry. Dir. Infantry. Dir. I'm Jung 2nd Jeriod instruction of periodices in seamanship.

680. It. Million. Sto. N. milian Emign Meridian to 400 9.mg Meridian to 4° J.M.

Sair- Gente breeze from 6. 5 to 6 at. Bar. falling. At 12 "haule up port
clear of mainsail, set it again at 2". Exercise apprenties of bethe
walth as follows. But Berght Pour David Div. Sair drill worth major libroal. 2º No.
Signafe. 3ª Dri. Compan. 1st Div. Met making. At 3" went to graphet to forth walth Bey and and Commy. There release from congenerally to restore to duly doneght at the a.s. Of Millian In (2.9) this petate H. (4.8.9) for 5 days solitary
confinement on 5 and Jon Repeated disoberence of orders. On course Wish.

under get + all aguard sail except still clear of manual of texten From H or P.M. to 800 P.M. of air and pleasant. Sincte breeze Jum & x It & East. Barometi ring at 430 look in port cler of mainsail and algetter fires under boden of for destitling at the called all hands shorten pail and encuent apprention at platform for making and shortening sail. othom 800 9.M. to Midnight. Jents bruge Jum East. Barometer rising then falling. Stilling a course It 94 M. It change of pail Distilling. J. A. Jordan, W.S. N. Examined and found to be correct. Jahn Witewast - Navigator. Generalge E. P. Attang Comda U.S. W.

LOG of the United States Ship Essea & Rate, Making passage from Cumhal Madeira to St. Kitte M. D.

		100	Reading		· WIND.				BAROME	TER.	TEME	PERAT	URE.			lear be.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.	3	8	47.0	1. 3/4 A	East	3			30.24				76	b.c	la-cu	6	5
2	3	6	50.6			3			30.22				76	4 1	1 4	6	-
3	3	3	539	"	4	3			30.22	76	74	75	76	и	41	7	
4	3	0	57.9		4	3			30.22	76	74	73	76	"	"	8	
5	2	9	17.8	,	4	3			30.22	76	74	73	76		1	6	1
6	3	2	63.0			3			30.22	26	74	73	76	1	"	6	-
7	3	3	66.3			3			30.25	76	24	73	76	,		5	"
8	3	2	69.5		,,	3			30.25	76	75	73	76	4	4	6	"
9	3	7	73.2	,		3			30.26	76	27	26	76	.,	"	7	2
10	3	19	77/			3.4			30.26	76	79	77	76	"		6	
	3	9	810	4	€5€	3.4			30.26	77	80	27	76	,,		7	1
Noon.		3	85.3	4	and the second second second second	3.4			30.25	1		1	-	"	ci.sh	8	,

Course and distance made good since preceding noon by observations, #x S	82 knots. tenths.
(Latitude by D. R.	200 111 " 1
Longitude by D. R.	38° 49° " W
Position at Noon: Latitude by observations of ②	200 201 " 1
Longitude by chronometer from Forenoon Observations of O	380 491 , " 2
(Latitude by D.M.	200 15, 11 1
Position at 8 A. M.	38° 38', " W
(Latitude by J.R.	20013, "
Position at 8 P. M. Longitude by D.R. June 3. M. Also O	39022, " /
Current during the time, - knots J tenths per hour, setting to the	
Error of the Compass by Azimuth O observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o /
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	5°00 gallons.
Water , distilled during the preceding 24 hours	P50 "
Water remaining on hand fit for use at Noon,	1000 "
Coal consumed during the preceding 24 hours,	/ tons /680 lbs.
Coal remaining on hand at Noon,	93 " 1420 "

2. 35	2	1	87.4	21.3/4 1			
. M.	1	7	89.1	21 /2 A	Exes	3	30.23 77 79 75 76 Fre Ci-cu 7
2	3	7	92.8	,	,	3	30.23 77 79 76 76 " " 5
3	3	7	96.5	"		3	30.2277 78 74 76 " en-sh-
4	4	0	0.5	,	"	3	30.2/77 80 /6 77 " 4
5	4	1	4.6	,	"	3	30.22 77 77 74 77 3
6	4	0	8.6		"	3	30.24 77 76 78 77
7	4	9	13.5	,	*	3,4	30.25-77 76 73 77 Pu en 2
8	5	0	18.5	4	"	24	30.26 97 76 73 77
9	5	2	23.7	"	"	4	30.26 78 75 73 77 eu
10	4	7	28:4	"	"	4	30, 26 78 75 73 77
11	4	6	330	"	"	4	30.26 78 75-73 77
Mid.	14	17	37.7	,	"	V	30.26 77 75 73 77 " str-cu 2

under the command of Commander & S. Strong

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 40 am. Character Fine June the East. Course Hofe At. Under git and all square sail except marissail. Distilling. M. attelling.

M. attulue Dist

From 400 am to 800 am Genete Easterly burge. No change in sail Sturing 194 St.

Dro M. Triliams From 800 am. to Meridian Crom 8 = UM. to Meridian

Fair - Gents is moderate breeze from East to 6.56. Bas, slendy. At 920 musters
at quarters - Exercise as Collaros: 1et Perior. All hands east drell. 2nd Sund
Bad inspection. By order of Comog. Their places Bath a J (1.30) tradipation
N. H. (ABC) and Demon NA. (R.B.C) in adult from for two days Memor. Disobedience of orders. At 103 est starboard clear of mainship. Sterring H. Her.
Distilling.

Meridian to 400 0. M Clear and pleasant - Gents bulge from 5 by S. Barometer falling By order of Comda. Meeter changed comme at 12 th 11 12 N. (3.6. 87.64) By come auchomy relation from confinement I. Murphy (4.3 C) expension of confinement and confined to Oliver (4.30) for St days ballery confinement on field walls for being draink on board John. Paymaster server out clocking and small stoke to all divisions. At 3 th murling at quarter and port walch wint in hammocks. Distera.

From 400 9.M. to 800 9.M. Sunte to my dual bruge from 6 x S. Darometer having Sturing a course It's St. No change if adel. Use strata of cloude passing over from about It. St. It lower altala from 6 x S. Distaling. Lientenant USI.

Jon 8th IM to Midnight breeze - Upper strata of clouds moving over from H. S. H. at 9th hander up starboard clerk of mainsale.

Motherway USA

Motherfue W.S.N

John Withert Navigator.

Course and distan	ce made good since preceding noon by observations, // X U	//0 knots.	tenths.	
	Latitude by D. R.	- 190 59	" N	
*****	Longitude by D. R.	400 44	" 7	
Position at Noon:	Latitude by observations of Θ	200 011	" N	
	Longitude by chronometer from Forenoon Observations of O	400 44'	" N	
	(Latitude by DR.	200 031	" » Jr	
Position at 8 A. M	Longitude by Jrs. 0	400.21	" N	
Position at 8 P. M	(Latitude by M	190 53,	" N	
Position at 8 P. M	Latitude by DR Jum P.M. So. 0	Hp 24,	" H	
Current during th				-
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	0 /		
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 1	variation used,	0
Error of the Comp	pass by Azimuth O observed at , ship's head	,	"	
Deviation of the (Compass by Azimuth ⊙ observed at , ship's head	0 ,	variation used,	0
Water expended d	uring the preceding 24 hours,	5-00	gallons.	
Water dist	during the preceding 24 hours,	1600	"	
Water remaining	on hand fit for use at Noon,	2100	. "	
Coal consumed du	ring the preceding 24 hours,	/ tons 880	1bs.	
Coal remaining on	hand at Noon,	92 " 54	0 "	

P. M.												1	ei		-
1	4	8	100.4	81 /2 A	SELE	4	80.22	78	80	76	17	V.C	str-cu	2	0
2	4	9	5.3			4	30,20	78	80	76	28	"	"	2	11
3	5	1	10.4		SE	4	30.19	18	79	75	28	4	,	1	4
4	5		15, K	,	6.S.E	4	80.20	77	77	74	77	4		2	4
5	5-	2	20.6		ExJ	4	30.2/	78	77	74.	27	o.e	nim	-	4
6	5	5	26.1		4.	4	30.28	76	77	75-	77	4		0	4
7	5	7	31,8			5	30.25	77	77	75	77	"		0	4
8	5.	9	37.7		1	5	30.25	78	77	75	77	. ,	"	0	"
9	5	9	48.6	,	6.58	5	30.26						"	0	4
10	6	0	49.6		SSE	5.6	30.26	77	75	74	77	. //	"	0	11
11	6		55,7	,	SEXS	5.6	80.27						"	0	4
Mid.	5	3	61.0	. "		4.5	30.27	76	73	74	17	o.c.g.k.	. "	0	h

under the command of bommander & Thomas Dec 2nd , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and until +00 am Canto to moderate bruges from Ex S and East. Survey Man It and Equate sail to brogate except mainsail. Distilling. Su. Mysiams strom 400 am to 800 am Cloudy - Senite to moderate breeze Jum E. S. E. S. C. Barometer vising. at 5"45" Alt sette cler of mainsail, flying pit main & miggen topmach stapaile at 12 hander down main literack stapaile. At 10 per spanker of off topaile. At end on course it is the under all sail except port letin & mainsail, fore a main topmach staysail. Distilling OF tacken, From 800 am. 6 Meridian From 8 to am, to Meridian land our from S. E. by E. Barometic rising the falling all 930 smeetine at quarters after which divisions were exercised as I follows: Towder-company 1st magazine & instruction, It (not watch) grandale, 32 single stacks. It (atty dratch) gun dritt. Indicated a arrest belding 20 periods. By order of Comog Officer confine C. B. Gifts (A. S. C.) For S. days in doubted irons for besidence of orders. C. B. Bortden (A. S. C.) for 2 days in doubte from for being asked on lookout and released from confinement I. It of arding (A. S. C.) It Santhon. (A. S. C.) to ardinate of confinement. To change in sail. Distilling Moeridian to 4 or J.M Cloudy and pleasant. Moderate breeze Jung S. E. & E. S. C. Barometer ring then falling Steering a course of the M. H. Change of said Carrenger at prentices fat looking & Jurking migger to peal and at signale Distilling Whicher belger Lieutinant U.S. N. Trom 4 00 9.M. to 800 9.M. Overcast-moderate to stiff 6x5. bruge. at 5th exercised manning gear Distilling. Motheline N.S.N. From 800 J.M. to Midnight. Moderating last hours with Just London Set for Lot with Light Love for took in the royale and set for took in the royale. At me was stayful. At and all for topmast stayful. At and water jet, for topmast stayful. At and water jet, for topmast stayful. At more water jet, for topmast stayful. It peaks sand starboard class of main sail. Dustilling. \$20. W Williams Examined and found to be correct. Ensign John Stewart, Navigator.

Ship Essea LOG of the UNITED STATES assage from Funchal Madeira to St. 1/2 N Sx E 30.26 76 72 73 77 o. c. g. 1 Cu. s. 0 4 2 65.2 4,5 30.21 77 72 78 77 30.21 77 72 78 77 30.22 76 70 69 77 30.21 76 70 69 77 30.21 76 70 69 77 3 0 68.0 4 45 72.5 4.5 76.8 4.1 81.0 2 4.5 30.22 74 72 7/ 77 30,25+76 72 7/ 77 30,32 76 73 72 77 6 85.6 3.5 89.3 3 93.8 3 8 30.35 75 76 74 77 0, c . 5 5 98.3 3,4 9 7.1 30.35 75 76 74 77 10 30. 84 78 76 74 77 3 11 20.03 71 77 75 17 Noon. Course and distance made good since preceding noon by observations, HxS /22 knots. tenths. 190 29 (Latitude by D. R. 420 45. Longitude by D. R. Position at Noon: " N 190411 Latitude by observations of O " W Longitude by chronometer from Forenoon Observations of O 420 45" Latitude by M N 190 421 Longitude by " W 420 26' Position at 8 P. M. Latitude by D.R. Longitude by D.R. 190021 " N DR. Jum P. M. obs o W 430221 knots - tenths per hour, setting to the Current during the time, -Error of the Compass by Azimuth ⊙ observed at ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head variation used Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth @ observed at Water expended during the preceding 24 hours, 500 gallons. 1100 during the preceding 24 hours, Water remaining on hand fit for use at Noon, 2700 / tons 640 lbs. Coal consumed during the preceding 24 hours, 90 " 2140 " Coal remaining on hand at Noon, P. M. bic. 11/2 N SESXE 30.80 77 77 30.28 77 18 75 17.0 8 21.8 77 1/4 30.29 71 78 26.2 3 S' n 8 31.0 3 1/4 30.28 77 78 27 5.5E 5.5E 5.E 5.E 77 35,7 1/4 30.29 76 76 75 3.4 1/4 30. 8/ 78 73 73 o. c. m. f Cu. N 40.8 5 48.9 4 0 30.31 78 73 73 o.e. m 3 30.31 78 75 75 77 b.c.d 30.34 78 75 75 77 30.34 78 75 75 77 30.83 78 77 75 71 30.83 78 77 75 71 4 b.c. 5. E. S 5. S. E. 57.4 5 62.9 U 11 o.c 2 Mid. 5 68.1 South b.c

under the command of Commander & I Strong Friday, Dec 328 , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4 and am Overcast to cloudy. Rains & squally: Moderate to stoff brien from S. E. warring during squally Grand S. E. to South Barometer Galling At 100 handles up still clear of mainsail & set main trustail. Otherwise course W/2 & under git, fore to pulast staysail, to prails of greate & main trustally Distilling. From 400 am to 800 am Orom 400 lm to 80 cm. Quit half of walth clearing last half Gente to moderate being from S.S.E to J.C. Darometer rising Distilling Executer morning order. At 600 set top gallant sails, voyale, Signile set, main and marjen topmast staysails, spanker, and gaff topsail It Mira. From 8th am to Meridian.
Cloudy with light favoring showers. Since to moderate bruse from SE to SE. Bar ruing of them fathered. Stighing a course It Is I under stank paid as preceding watch. At 19 to trailed up main layer and set sitil clar of maineailf. At 10th And How stay all appropriate and set site clar of maineailf. At 10th and House at guarders. Exercised at Junual Guarters
and The huarters. De order of Coming. Officer confined I Amahore
(330) for too days in double iron, officer confined to a Belly
officer. De same auchority released from confinement. A l. Balto.

11. Alrephalach and AA Damun (Upps. 300 Cl.) expiration of confinement.

Distilling Lit. Jordan. W.S.N Meridian to 400 J.M. Mothulene

Cloudy passing shower In how Moderate to gents S. E to S. V. breeze Bar falling Exercised for royal y ardmen at Gurling. Out 140 look in fore royal + J. J. sails to ment to Chafe in the J. S. paie + at 2" set then again, Distilling. Lintemant. W.S. Jr.

From 400 g. M. to 800 g. M. Cloudy to overcast of realining fait half cleaning last how. Sente to moderate brings ranafle in derection between Sale to S. E. Jassing apovers of rain Of 5' with in feeled royals to gattant sails flying it 7 get topsel, kauled down main & mayor between the sharkest of hauled with mansail. Of 5' set main't midson to mast staysails of act of clear of marriage. At 5' hauled down main't might with not staysails of act tops all and sails. At end under sit, for topmast blaysail of grant and to top gattant sails except port clear of mansail. At 10' stopper (destreen, fine to top all and sails except port clear of mansail. At 10' stopper (destreen, fine tops out.

From 800 9. M. to Midnight over Street to moderate breeze from 56 56. Bar unsteady. At 84 set mainsail aparte man & many to the stop acts of the street of mainsail standard man & man & sail to for salant sails & all hopman topmant stay sails. Othering 11/2 1. under all plan sail to for salant sails & all hopmant slay sails. John Wytewart hint Enrign

bassage from Sunchal, Madeira to St. Kitts H. A. M. 1 73.2 7 78.9 6 825 0 865 8 9/3 1/2 N 73.2 o.c.d en. 405 1 o.c.g.d 3 3 9/3 3.4 3 2 996 9 35 3 996 30.30 77 78 76 77 3 8 30.30 78 75 76 78 S.ExS 30.30 78 78 76 78 30.30 77 76 76 78 30.29 77 77 76 78 12.5 10 19.0 8 24.8 Noon Course and distance made good since preceding noon by observations, 2/3/4 S ///knots. tenths. Latitude by D. R. 190 21 440 451 Longitude by D. R. Position at Noon: 190 250 Latitude by observations of O Longitude by chronometer from Forenoon Observations of O 440 42' 19025. 440191 Longitude by N 19019. or 44 62 Current during the time, - knots Z tenths per hour, setting to the Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth O observed at variation used Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at , ship's head variation used. Water expended during the preceding 24 hours, 500 gallons. Water distilled during the preceding 24 hours, 200 2700 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 2140 " 10.24 787977 75 b.c H1/2 A S.E.S 29.3 30.19 7579 7878 34.0 5 30.19 78 78 78 78 39.3 30.19 78 76 76 77 30.19 77 76 76 71 36.20 79 76 76 77 8 45,1 bed fire 2 48.3 5", E N. S. M. S. E. 2 0 49.9 1.3 to sturage way 30.22 79 76 76 77 o.c. q.d 0.1 30.23 80 76 76 77 ote 30.23 80 76 76 77 0.e.m. f 30.23 80 78 78 77 30.23 79 75 75 77 30.23 79 75 75 75 £c. f 12 1/2 M 1.2 0 0 1.2 Various 0 1.2 11

N 1/2 N

51.6

SXE

3,4

Commander & J. Strong , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and until 400 am Baronella falling. I at 12 blook in longaelant sails and man it migen lofmant playails, set playsails again lat 2" and lof gallant sails at 32. At ent of watch funder fall plain sail to top gallant sails and and all toppmant staysails. From 400 am 6 800 am Fair and pleasant, rain squalle around horizon. Tenete to moderate buye from SEE to S. S. E. Bar steady then riving Steering a course of the son paint as presiding watch. At the set royale + Playing sit. a sail in right two points on fort quarter standing to Lite Jordan, W.J. N. Trom 500 am. to Meridian

Cloudy - Moderate to stiff breeze Jam S. 6 x dight driggle last hour. Black rain agrade hanging on book hason until 10th when it ablet part giving of ghead part artern; took in Tuntus missales - lying yet when again. I backentine bis sight for your guarde all the watch. Will self topsal. We 12th super order of Comon of Green released. De. P. Bowden (a. 4) from confinement tend having expired Mithich Meridian to 4 to 9. M.

Fine and warm to cloudy and equally Moderate burge from S. Eby S. shifting to S. last howe
with all equally last half "San Valling from Half. It of change it and litering White
By order of Combig. These chrisms Of Debutres (4.3.0) for several days in double vious
for Positive disobeddence of sodges," It a "York (4.3.0) for three days double vious
for repealer electing on lovbout. C. S. Meyer (4.3.0) two days double vious for winnering lover
love the ships side.

S. Sairchier (4.3.0) for There days double vious for winnering lover
the ships side.

S. Sairchier (4.3.0) for The days double vious for winnering lover
the ships side. dientinant W.S. V From 400 J.M. 6-800 J.M. Cloudy to greecast. Selling. Calin to gentle breeze Jum SE with light airs Jum It of the at interest during last three hours Bat vising. abbet took in sought flying jet main & main & main to the cet maintained aparter of all tops all strained to the cet maintained to the cet maintained to the cet maintained to the cet maintained to the continued to the continue From 800 J.M. & Midnight. Overcast with passing chowers of rain light variable aire to module trees from Sxt Bar stady Off womb game gut from South brack yards about of steers various courses until 10 to when were chilp brought ahip to her course it h h. on port task at 11 to 11 net mainsail But over just for at 12 to John Water Let Savigary.

LOG of the UNITED STATES Sunchal Madeira to St. Nicto H. from 1/30 A. M. 21 1/2 N 80.22 78 74 74 77 80.19 78 74 74 77 M. A. H 2 o.c. f 1 0 54.0 0 dr 1/2 Nr. 0 54.0 35 00.19 78 74 74 76 o. c. f. 9 5. 57.5 30,17 78 74 74 76 2.3 b.c. % 0 30.17 78 74 74 76 0.3 o.d 59.4 30.17 78 74 74 76 0.c. f 0.1 6 30.19 78 74 74 77 0.1 No sterages 80.1/77 75 74 77 80.24 77 75 75 77 1/2 30.25 77 76 76 77 1/2 30.25 77 77 77 71 1.3 1 0 8 2/ 2.3 0 10 0 S. N. W A. H. Xr 30.23 77 77 77 77 Course and distance made good since preceding noon by observations, $\mathcal{H}_{\star}\mathcal{S}$ 5/ knots. Latitude by D. R. 190 15" 450 350 Longitude by D. R. Position at Noon: Latitude by observations of O 190 16. Longitude by chronometer from Forenoon Observations of O 190 16. de Longitude by 450 301 190 150 450 37 knots - tenths per hour, setting to the Current during the time, Error of the Compass by Azimuth O observed at ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at , ship's head Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, 1950 tons 800 lbs. Coal consumed during the preceding 24 hours, 90 " 13.40 " Coal remaining on hand at Noon, 1/4 30.1/78 77.76 77 2 20.1/9 78 78 76 77 1/4 30.1/9 18 77 77 77 30.1/9 78 77 77 77 30.1/9 78 76 76 77 30.2/78 76 76 77 30.2/78 76 76 77 30.13/80 76 76 77 30.13/80 76 76 77 S. W. S S. W. S S. H S. E. S 1.2 420 0 0 8767 S. JE 30.26 80 76 76 30.25-80 76 76 30.24 79 75 75 30.24 79 75 75 11 5 Mid.

Commander & Strong Sunday, Dec. 5th under the command of , U. S. Navy RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and until 4 an asm Overcast cloudy Jaming rain squalle Light to quete beeze with stiff squalle from S vering and handing I from S to to the when rain squalls were faring. Day Jaling Steering a course of half and by the wind on port tack under all plain hail Its toppaids. at 100 brailer up splanker. At 300 lest topgallant sails. Lientenant, W.S. A of rom 400 am. 6 800 am Pourast raining or driggling Calmi + light variable air Ship having no sturage way quale part of watch. Hauler up + but mainsail as requirer 1172 windt came out in gentle bruge from S. H. when set maineail, spanker, main + miggen topmast staysails Executed morning orders. Motheline dienterant, U.S. N. From 800 am to Meridian Cloudy - warm - Light airs & bruger Jam South & SH by H. Bar uncleave at 11th took in Japanker and at 11th set it again, No other change in sail Detering course H 1/2 N. until 11th after which by the wind on Just lack at 9th multiple at granters. Commanding officer inspeller ship & creek By order of Counding officer released & a. M. photoley (4.30) Jum confiniment. Sto A Melle auns Meridian to 400 0.m. order of County of sultry. Light burne to light airs Jem 5.11 x 5 to 5.6 x 5. Dar Jassing By order of Cyming Higher reliance Jefon confidence to feety to duly Toloren I Jesus for beauty Jesus Symmetrick of (2.3.6) in politary conference of on bread & water Jon 5 days for Devolutione of orders. Steeling by the word on post tack four jast Oh course It Holl laster fact. To plange on past. in sail. Of Faction Ensign From 40 9. M. to 80 J. M. Sain to light aire from S. E by S. Barometer raining Of 500 book in main & miggen It proast playsails, and chanker Silling. From 800 P.M. to Midnight. clear and pleasant. Hight airs Jum S.S. E to E. N. E. Barometer falling slowly Steering a course of 1/4 N. Sunder same Rail as queeding watch at 1/15 hander up port clear of mainsail. At 1/15 hander up setil clear, set port clear on royale. Liminant, U.S.N. Examined and found to be correct.

John Stewart Link - Navigator.

LOG of the UNITED STATES Funchal Madeira to Lassage from Making Height Ther. Height, Bully, Bully, Bully, Surface at Surface at 6. N.E 30.22 79 75 75 77 80.22 79 75 75 77 30.21 78 75 75 77 24 1/4 N Str-cu 1 60 Each 2 2 2 2 30.20 78 75 75 77 2 30.19 79 75 75 77 0 2 30.20 79 75 75 77 30.21 79 76 75 77 0 2 €. 5. € 3 30.24 78 76 75 77 30.27 78 79 78 71 59.4 0 3 5.€ 9 63.3 3 30,29 79 80 78 77 3 67.1 10 SEXS 9/ 30.29 80 80 79 77 71.0 11 30.27 80 8/ 79 77 25.1 Course and distance made good since preceding noon by observations, ///2 N. 46 knots. Latitude by D. R. 460 19. Longitude by D. R. Position at Noon: 190 191 Latitude by observations of O 460 231 190 121 de 460 111 Longitude by Position at 8 P. M. Latitude by 190 15. 460 421 0 knots 5 tenths per hour, setting to the 4. 220 W Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, " 1340" P. M. S. S. E. 21 1/4. Nr 30.25-80 8/ 79 77 79.0 3 30.23 80 80 79 82.1 3 462 85,5 30. 23 80 80 80 27 30.24 80 8/ 80 77 30.24 80 79 75 77 30.25 80 78 78 77 88,1 3 90.3 2.3 91.2 0 לר לר 30.26 8/ 77 77 30.29 8/ 77 77 30.29 8/ 78 77 30.29 82 78 77 30.29 82 78 77 30.29 80 77 77 5 07 9 1.0 10 10 8 11 1.0

under the command of Commander & Strong Monday. Dec. 6 th , U. S. Navy, , 1897 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Clear hight airs to light breeze from 6 N.E. to the East Course H/L N. Under git the air square sail except setil cler of mainsail. dienterant. W.S. Sr From 400 am. to 800 am, Course It 14 th. At 400 haules Jup mains all. At one ent plants and cloured to mains all. At end under plants for all many so not proposed and requare pail to soyall except port clear of mainsail. Sis K Will aus From 800 am to Meridian Fair and warm. Singt bruge: Jum S.E. S.E.S. Bar unitary - at 900 mustre at quarter after which exercised Division as follows, 1st Ferrit Jord Forder Legyple, 1st Ompany Is Pistology Suntruction and Tour Kany. In Dervie Learnanship Instruction Steering course It 1/4 N. No change in sail. Oftashin Meridian to 400 J.M Sais and warm. Sents breeze fin S. E. by S. & S. S. C. Barometer please, MI's set thing jet main topmant playsall, both clear of maintail parker and dark at pignals, knotting and splicing lipinia and furthing vail on morkey yard. By order of Country and Linear confined (I. S. Yash (4.3C) for 3 days inf doubte terms for disoblacient of Disoblacient of orders. R. M. fackson (4.3C) & C. S. Robinson (4.3C) for 2 days in doubte come for desobedience of orders. R. M. fackson (4.3C) & C. S. Robinson (4.3C) for 2 days in doubte come for desobedience of orders. In Sandaing (4.6C) & days solitary confinement on breas's hirely for smoking enganetite on breath deck while confinement on doubte come lay same authority released from confinement for Diver (4.3C) & Meyer (4.3C) expensation of confinement. - at setting up dille. Dullen. From 400 9. M. 6 800 9. M. Clear and pleasant- dight, airs to genete breeze from S. S. E. to S. Dar. rising slowly. Steering la course It 1/4 It. Sunder same sail as succepting statch. all 5th exercises apprentices at shortening, refing making, furling + loveing sail. Motherface Vis. N. John W Stewart Lieux & Navigator.

Ship Essea Tunchal Madeira to St. Wilto H. LOG of the UNITED STATES Making WIND. Height in inches. att, bull. Bullb. Force. 1.0 0 1.0 1.2 2 23 3 ealm Nx H Nout 1852550 M'x E M. M. E N. E x N. Ex N East E x S. 3.4 30.29 79 80 79 78 10 3.4 30.29 79 81 80 78 30.28 79 82 80 18 9.2

Course and distance made good since preceding noon by observations, H/4 S	54knots. to	enths.	
(Lafftude by D.R.	190 101	A.	
Longitude by D. R.		" #	3 3 3
Position at Noon: Latitude by observations of O	1	" N	-
Longitude by chronometer from Forenoon Observations of ©	7/	" N	
Position at 8 A.M. {Latitude by Longitude by Longitude by Ola 0	470.021	" W	-
Position at 8 P. M. Latitude by A.R. from P.M. obs 0	190 09,	" X	
Current during the time, - knots 4 tenths per hour, setting to the		* * * * * * * * * * * * * * * * * * * *	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1		
Deviation of the Compass by Azimuth O observed at , ship's head	0 1	variation used,	0-
Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 1	variation used,	0 '
Water expended during the preceding 24 hours,	500 ga	llons:	sis.
Water during the preceding 24 hours,	, 4, 2		
Water remaining on hand fit for use at Noon,	1000	"	-
Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon.	- tons 800	lbs.	
Coal remaining on hand at Noon,	/-		

Р. М.						T					1	-	1		
1	5	1	14.3	21/45	6,5	14		30.25	80	82	10	78	4.c	Cu-St	7 8
2	4	6	18.9		,,	U		30.23						-	7 4
3	3	9	22.8		€. 5. €	3. K		30.23	86	80	79	78			7 -
4	2	2	25:0	,,	SXE	2.3		90.22	80	79	78	78	,		8.
5	3	0	28.0	"	S.Ex5	2.3		30.23	79	78	78	78		4	1
6	2	2	29.0	"	"	2.3		30.26					. 11	100	8 .
7	2	4				2.3		30.27	80	78	78	78		100.4	8 .
8	2	2			1	2		30.29	81	78	78	78			6. "
9	1	5			South	1		30.30	81	77	27	78		"	8 "
10	- /	4	-		SIE	1		30.31	81	77	77	78	4	,	8 "
11	1	8			5.S.E	2		30.31	80	78	78	78		1	6 "
. Mid.	. /	8			-	2		30.30	80	77	77	78	1	"	6 4
100															

Commander & S. Strong under the command of , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am Fair and pleasant- Calme and very light give from S.S. 6. and it x H. all took in spanker, and gaff to prail and hands down man & mingen topmast, clarified, and plant a all to royale except spanker. To pleasage way think hour Course it 1/4 t. Grown miliains From 400 am. 6 800 am Stair- Calm to gente bruge from A. A. E. Baronela riving At 64 set stanker, golf literally mark & mingen literast staysail Ellering Hart while all sail except main brysail. At 80 Jul over Jak log reasing O.T. tacken Onsign strom 800 am to Meridian From 8° am to Meridian.

Clear and warm- Sends to moderate being from N.E. by N. to 6° S. Bar gleady at 9° musting at guardie after which their many 2° small arms instruction affect and gurpung hindraction. If divisions instructed in cermanship of period at 9° look for flying jet for main y groupen to proact plays alle land attraction of the property of the standard and performent plays alle formal att company to format plays alle formal and performant plays of the proof of the property of the performant of the performance Meridian to 400 J.M. Clear and pleasant. Moderate to light breeze from 6, 5 to 5xE. Bar. faceing Sterring a governe 1/4 5 under sante sall an inceding match M 3 to set specific clear of Period signale and furling & lovering miggen to paail. I'm placero hear for formation. I dientimant W.S. It etrom 400 9.m. to 800 9.M Clase warm , pleasant. dight to gente bruge Jim SEx S. at 5th surried rufning lopeails of course. At 3th went to file quarters for practice. at 6 th hand in pat log reading 29.

M. Hulmes W. 16 W. D. Huline W.S.N Easi and pleasaget - Light airs & breeze from between South & S. S. E. Sturing course H 145. Her change in sail, Blight mornlight.

Examined and found to be correct. In M. Milliams John Wiewast - Navigator.

Commander O. C. Strong. under the command of , U. S. Navy. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until #- With Light S. Ely air Barometer Javing Staring course It 1/4 S. lunder all sail encept main trysail of P. Lachen Commences and until 400 am From 400 am to 800 am
bles and warm. hight Soly, aire Barometer riving at 600 took in
alarker, golf topeail, manny minion topmast player aire & port clear
I manhable. At 128 hauter down Playing pit , Poor topm bet player.

Carculat morning viders. By arder for Comby. Friend player blanch.

(1.20) 1 M. Cariff (9.50) on gharter decky in displayer brown for 2 km of days

respectively from 8 amorning eigenetts on drill. For disolddings of police
and the I but for smoking eigenetts on drill. From 800 am to Meridian Clear airs to light bruse from 6,55 to 6x1. Barometer Relady etem fashing. Iterring a course the Sender same sail as successing water. It of named up weather clear of manuscil. At 9 must have at guarden affection of places to sail delile, societies tage. By and 18 Condo. There are from confinement R. H. Jackson (2,3,0) and 10. I Robinsh (2,3,0) expiration of principlement. By same authority confined R. H. Jackson (2,5,0) for 2 days double inope, of fine, slow in obeing andere of and imperiations to a Pelly office. Jak Jordan, W.J. Ar Meridian to 400 9.M. Char and very warm dight breeze Jum 5. S. E to the East. Of 12 4 set still. Clear of mainsail and and 25 harled it up. Opprentions serving & mending. Near Jacking. Motheline Lientinant, W.S.A From 400 PM to 800 PM
Gair and warm. Light being from East. Barometa riving Smell
from 52 and 62. Stering course W/45. under set and agrilare sail to
royale except manifail. At 45 starter firs in Boile "O" for Sta W. Miliam From 800 P.M to Midnight Light Ely bueze. Barometer strait Stening course W/4 S. Mr change in sail at 1000 commences distituing C.P. Lackete. John Stewart Navigator.

Ship Essex LOG of the UNITED STATES from Funchal Madeira to St Nitte Making Height ther. Ther. Bulb. Arter at Surface. 30.25 80 78 78 79 11/25 East 2.3 3 29.0 30.31 50 76 70 79
30.23 80 77 77 79
80.29 60 77 77 79
80.19 60 77 77 79
80.19 70 77 77 79
80.19 79 78 77 77
80.23 79 79 79 79 2.3 0 31.5 2.3 34.4 3 37,5 3.4 41.8 3 45:0 2.3 47.0 2 30.27 80 82 81 79 0 30.29 81 85 83 79 30.27 8/86 84 79 30.25 82 86 84 79 Course and distance made good since preceding noon by observations, T, S, H 53 knots. 180 521 Latitude by D. R. 490 03, Longitude by D. R. 180 461 Latitude by observations of O 490 06. Longitude by chronometer from Forencon Observations of © N 180 54, 490 02, Longitude by N 18044, 49025. knots 2,5 tenths per hour, setting to the SS W/2 W. Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at Error of the Compass by Azimuth O observed at Deviation of the Compass by Azimuth ⊙ observed at J-60 gallons Water expended during the preceding 24 hours, 600 Water . distilled during the preceding 24 hours, 600 Water remaining on hand fit for use at Noon, / tons /680 lbs. Coal consumed during the preceding 24 hours, 87 " 1660 " Coal remaining on hand at Noon, 21/45 East St. E St. Exst 30.25 8/ 85 84 79 30.20 8/ 84 83 79 30.19 8/ 84 83 79 0 2 30.19 8/ 84 83 79 30.2/ 80 8/ 86 79 2 30.24.80 87 88 79 30.24.80 78 78 78 79 30.24.67.78 78 79 30.24.67.78 77 79 30.24.67.77 77 79 30.24.67 77 77 79 30.24.67 77 77 79 30.24.80 77 77 79 2 Jr. 6 x 6 2 €. 1.6 0 11

Commander E. S. Strong Thursday Dec. 9 th under the command of , U. S. Navv. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commence and until 400 am Clear and seemant. Sente bruge from East. Bar Jalling. at 104 fut over fat. log reaving. 29. Under job and all ognare sail except in general. From 400 am to 800 am Clear, and pleasant - dight to moderate buege from & to E.S.E. Barometer steady then riging. Steering a course W/4. S. hunder same sail as fore-coding match. I at 140 set citil. eller of mainsail. Sey order los for lete day, continuation of funishment from the 8 th int. Dictilling. for lete day, continuation of funishment from the 8 th int. Dictilling. From 800 am to Meridian - Olear and very warm - Light air + buyer from 5. S. E to the Each at 1100 Meridian & 400 9.M.

Fair and warm-dight airs & bruger from East chilling & N. E. W.C.

by It all so set blying pit and mark & miggen to that staysals.

Jak end under solating and migran to mark to translet and flying

sail to royale except mainsale and chanker (. 91/22 change)

course to 19/4. By order of Convoy Mich release J. N. Harding (20)

and confined D. M. Donaed (2.3.9) for the days in rolling confinement on busy and water for being asteep on bookout. Specifican

ment on busy and water for being asteep on bookout. Specifican

oneign hiertenant U.S. J From 400 PM to 800 PM.

Clear and fine. Light being from N. 6 x N. to N. 6 x 6 Barometer rising.

Exercises are hands at rufing logicals & Journal. At 500 hauler down

* stoyed main & missen lopemast staipails & flying pit. At 5th

set port clear of mathesail Stering Jourse H. Hell Junder pit &

all regnare sail except setif clear of mainsail. Distigning. From 800 J.M. to Midnight steady. No change in sail. Distilling. A.E. Darometic AD Ming John Stewart Navigator.

LOG of the UNITED STATES havage from Sunchal Madeira to St. With It & Making Height In Inches. att, Water at Surface at S 30.28 60 77 76 79 30.21 80 76 76 79 30.18 79 76 76 19 30.17 79 77 76 79 30.17 79 77 76 79 30.17 79 77 76 79 30.17 79 78 77 79 30.17 79 78 77 79 30.17 79 78 77 79 East Ex S 12 N 1/4 N 13 1.2 6. Jr. 6 6. J. 6 6 x. 8 30.23 79 82 81 79 10 30.2280 85 85 79 3 11 East 30.2/80 85 83 79 44knots. 18 0 400 Latitude by D. R. 490 36. Longitude by D. R. 180 38. 490 52, 18041. 490 45. Longitude by 18.36. 500 05. Error of the Compass by Azimuth O observed at Deviation of the Compass by Azimuth O observed at Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at J'00 gallons Water expended during the preceding 24 hours, Water distilled 1300 during the preceding 24 hours, 1100 Water remaining on hand fit for use at Noon, 960 lbs. / tons Coal consumed during the preceding 24 hours, 700 " Coal remaining on hand at Noon, 11/4N East 30.19 81 85 82 79 30.19 81 83 82 79 22 79 30.17 82 83 82 30.17 84 87 84 74 30.17 81 84 81 79 30.18 81 79 79 79 30.18 81 78 78 79 30.20 81 78 78 79 6. 5.6 2 2 2 3 2 3 2 30.11 81 77 77 30.11 81 77 77 30.10 80 77 77 30.20 80 77 77 155 1.2 East 1.2 11 1.2

Commander & I Strong under the command of , U. S. Navy. , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am Clear and pleasant . Light airs to light breeze from & to 6x5. 18 ar. Jalling. Steering a course 11/4 N. under squage sail to royals (early) still clew of mainsail) and git. at 3000 hauled up poil clew of mainsail and set setif. clav. Distilling. Just. Jordan, W. A. From 400 am to 800 am Clear and warm dight airs from 6.5 + calm. At 7 " hands up settl. clear of mainsail. Executer morning orders Distilling. dientenant U.S. A. Down 8 - UM. to Meredian

Jan and warm-dight breeze from between E. M. E and 6.5.6. Long swell

from 6. N. E. Sterring course It Mark under jet and all squared sail

leacher mainsail. Distilling. At 939 mustres at gharter and the

exercises at General Guarter. By order of Comon of Their relevant

R. M. Jackson (a. b. C) from confinfment. of som 800 am to Meridian Eneign Meridian & 400 P.M Sair and warm-hight bruze from E.S. & East Baromete falling.

Carreired royal gardren start fail watch at loveing & Juring fromen
topeail & stop watch et also at arguele. Starting church it little
The change in pail. Exercised both watches It appendix at
"Sitting uf Drill". By order of County officer telepality from confinement & restown to duly, Stunnelforth I (A.3C) & by pame
auctivity placed Augher A6 (A.3C) in politry confinement on
theart walter for these days, Minze: Imperfinent in manner
to Divisional Officer. Distilling OT. Lacking From 400 J.M. lo 800 J.M. dight bruge Jum East. Barometer spring No charling in sail. Distilling! Jum East. Barometer spring Stockarde in sail. Distilling! From 800 9M to Midnight.

San and pleasant Light airs to light breeze from 6. N. 6 to 6.

Baromelet risling them Gakling. No Change of Rail Steering, a course It 1/4 pt. Distilling. Levelinant USA. John Stewert - Navigator.

LOG of the UNITED STATES

Making Gassage from Funchal Madeira to A July Rate,

WIND.

Residing Courses steered by Standard Champass.

Direction by Standard Direction by Standard of Standard of Standard Champass.

Direction by Standard Office of Standard Champass.

Direction by Standard Office of S

			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.			lear hs.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the
A. M.	1	3		21/41	East	1			30.19	80	78	78	79	f.c	ei-cu	4	5
2	1	8			"	2			30.19	80	77	77	19	,		4	"
3	2	4	1		,,	2.8			30.17	80		77	79		en	4	
4	2	6			6x1	2.3			30.15	80	78	78	179		4	5	"
5	2	6		,	6. Sr. E	3			30.15	80	78	78	29	,	"	5	
6	3	0	57.1		A.ExE	3			30.16	80	78	28	79		cu	4	"
7	2	9	540	,	6. 1.8	3			30.18	80	78	78	79		"	5	-
8	3	2	57.2		"	2			30.19	80	78	78	79			4	"
9	3	7	60.9		,	3			30.22	81	79	79	29	"		4	
	3	6	64.5			3			30,23	80	8/	81	79		ev- en	4	
10	3	9	60.4		,	3			30.22	80	82	81	199	"	. "1	3	
Noon.	3	1	72.1	,		3			30.20	80	82	81	79	1.	",	3	"
									1400					-		1	

Course and distance made good since preceding noon by observations, $\frac{1}{10}$ /0 $^{\circ}$ 60 knots. 180 281 Latitude by D. R. 500 47. Longitude by D. R. Position at Noon: 150 28, Latitude by observations of O 500 50; Longitude by chronometer from Forenoon Observations of ③ 180 31, Longitude by obs 0 500 38, 180 22, Position at 8 P. M. Latitude by Longitude by 5/0 25, Current during the time, - knots 3.3 tenths per hour, setting to the Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Error of the Compass by Azimuth O observed at variation used, Deviation of the Compass by Azimuth O observed at , ship's head 600 gallons. Water expended during the preceding 24 hours, 1400 Water distilled during the preceding 24 hours, 2200 Water remaining on hand fit for use at Noon, / tons /600 lbs. Coal consumed during the preceding 24 hours, 85 " 1360 " Coal remaining on hand at Noon,

P. M.	4	-		11 11 11	5 1		1 21 50 00 70 d ci-sh- 1
1	3	5	75.6	11/4N	6 x N	3	30.1) 80 82 82 79 G.C cm 2.
2	3	5	79./	"	East	3	30.11 80 8/ 8/ 79
3	3	4	82.5	,		3	30.1480 80 80 79 o.c str. en 0
4	3	7	68.2	,		34	30.13 80 86 86 79 (
5	4	0	90. 6	"	6.4.6	3.4	30.11-79 79 79 79 " " 0
6	3	8	94.0	"	"	3,4	30, 10-50 79 79 79 "
7	3	8	97.8	4	East	3.4	30. 19 81 19 79 79 " " 0
8	3	4	1.2	"	- "	3	30.218/797979 "
9	3	6	4.8	"	5.6	3	30.25 19 79 79 79 0C 2 cu. min
10	4	9	9.5	,	Souch	2.4	30.25 79 74 75 79 "
11	2	0	-		6.5.6	2	30.15 19 75 76 79 " "
Mid.	3	2	-		C	3	30.13 79 75 76 79 f.c "

Commander & J. Strong Saturday Dec. 11th

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Commences and until 400 am
Cloudy: hight aire to gente briege from the East to Ext. Under

Jik and fall equare sail to royals except mainsail.

Distilling.

Motheline Lieulinant. U.S. N

set many pleasant- Light to gentle beege from G. N. G. " At J. S. C. Of J. S. C. Of J. S. S. Main ail. Of end under pt, main & miggen topinals stanaile but square sail to royale leaceft starboard elem of maintail. Distilling.

Sa A Miliams From 800 am to Meridian.

of Clandy and Rully- Sent buy from E. S. & Barometer unoticely Steen the No charge in sale Distilling.

Meridian & 400 g.M.

Dercast and warm- Sente bruge Jum 6. by N. to East. Barometer

Sording of Comba Ricer released from confinement C. S. Demeros (139)

saperation of Confinement. Dishilling Description

Trom 400 8.M to 800 P.M Baromete rising Sturing a course W/s St. under John 5. 1.6 to Gast. Baromete rising Sturing a course W/s St. under John pail as preceding watch. Of 6th haules up clear of maineal. Distilling

J. Sr. Jordan, W.S. A

From 800 9. M. W. Midnight brue hour. Fintle to light freeze Countre East to the South At 82 set placed clean of maintaine main and maintaine maintaine maintaine and staipails. At 9 the South to the form a few minutes until garde could be broken up. At 100 hours who down main i miggen løpmast slægraile and at 1/5 haulet up stil elen of manasail. Distilling

Motheline W.J.N.

John Stewart Navigator.

Ship Essea from Funchal Maderia to St. Kitt Height in inches. Afr. Water at Surface. 30 20 78 75 70 79
20.17 78 78 70 79
20.12 78 78 70 79
20.14 78 78 76 76 79
30.15 78 76 76 79
30.16 78 76 76 79
30.18 78 78 71 71 79
30.19 78 78 71 71 79
30.19 78 78 78 78 78 79
30.19 87 87 88 87 79
30.19 87 88 81 81 79
30.19 87 88 81 81 79 A. M. East W/4N N.E. N 17751 4 NEXE 15:0 E. Jr. E 20.1 o. c. d 24.6 Ex Nr East 0 29.2 34 33.2 37.2 24 42 6-24 41.7 3 10 30.198/82 82 79 46.8 2.3 2.3 30.15.80 84 88 79 Course and distance made good since preceding noon by observations, Mx, 88 knots. N 180 11. (Latitude by D. R. 52 0 25. Longitude by D. R. 180 111 Latitude by observations of O n 520 26' 180 140 Longitude by obs. 520 14

NR 180 05. N 520 58 - knots / tenths per hour, setting to the Error of the Compass by Azimuth ⊙ observed at , ship's head variation used, Deviation of the Compass by Azimuth O observed at Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head 500 gallons 800 during the preceding 24 hours, Water remaining on hand fit for use at Noon, 2500 Coal consumed during the preceding 24 hours, tons 400 lbs. " 860 Coal remaining on hand at Noon,

21/4 N 30. 13 8/ 84 83 79 b.c J. 6 2.3 46.9 50.9 54.6 3 30.11818181 30.11 81 80 80 19 30.11 81 60 79 79 30.11 80 79 78 79 0 3.4 3500 3 4 59.8 43 3.4 5 S. 6 x 6 30.1180 78 78 79 30.1180 78 78 79 3.4 4 67.0 au 70.5 73. K 3 5 2.8 30.1480 78 78 79 30.18-8/ 28 78 79 2.3 €. 5. 6 30.16-81 78 78 79 30.18 80 78 78 79 76.1 2 2.3 11 3 6 30.13 80 18 78 79 3 82.2

Commence and until 400 am
cloudy to overcast pleasant dight breeze from the Gast Just how
shilling to 15 by 1. and 1.6 x 6 and inclaving in Jose to moderate
breeze at 20 pet flying pet fore amin't miggen topmast atayagilo
aparker galf topsails and poor clem of mannate at 30 topmast
down lying get fore and main topmast staysails and took in
goff topsails. Stapper distilling at 200 Fires dying out. Commences and until 400 am From 400 am to 800 am Genet & cloudy- Light driggle at intervals during frist part Genet & moderate believe Jum & A. & to Cast. at Jo took in Sparker & muzeu lopmant clayacte W/ Jo Lanew up port clar of mainsail Stating It /4 N. Junder jit and all equale sail encept mainsail. O. Fucking From 800 am to Meridian Cloudy and warm. Fault to light bury Jim East to 6x5. Bar Javing Musters at granters at 950 afth which Country Their inspector that a crew at guarders read artist for the Government of the Vary and mustered class. Feel Durne Service Country Their Afficienting By order of Country Their confines N.5 Mekhers (9.30) fine double irone for two days of the desobedience of orders. Set clock back Jiminutes at 1/2 hands in patent log warring 4). At 1/5 pet miggent topmast stageails land exactoran class of maineal. Meridian to 400 J.M. Tair and flearant. Light to moderate breeze from S. G. Barometer facting them strady Sterring at course N 1/4 ft. And same said as the ceding refalts. At 12° set all fore 4 aft said each main the said said main for the said said of Smith for Smith for mainsaid (9.3.C) term of some flicen released from confinement to machonald (9.3.C) term of confinement to away expirity for same authority confined for the days solitary confined for the days solitary confined on blad + water A. C. Berest (8.3.C) fliesely meddling with Micial bases medaling with official papers. Lieutenant, W.S. N From 4 = 9. M. to 500 J.M. Clause to Gain. Sent S. 6 to S. 6. & Luge. Mothelma dielinant. U.S. N From 80° J.M. to Midnight buyer Jum S. Ex & WESE. Of 100 took in all Jone + aft sail eacept jet and grant standard braysail + hands up for clar of maineail. Of en under jet + mayer topmant stagnail + equal to soyals except for clar of maineail. Stepping MI/4 N. Jeans There are July thereof to the sound of the sound John W Therent - Navigator.

LOG of the UNITED STATES Madeira to St. Kits. W. Making Water at Surface. Force. Heel. 30. /s 80 79 79 79 30. /s 80 75 76 79 30. /s 80 78 78 79 30. 09 80 78 78 79 6. c 2 24 20 / 38 / 2 / 2 2 0 84.6 2 1.2 79 12 30.10 80 78 78 79 30.11 80 78 78 79 30.11 80 78 78 79 30.13 80 78 78 79 1.2 //221/2 7 East 6. 5 6 12211 8 9 30./7 8/ 81 8/ 79 30./7 8/ 83 82 79 30./7 8/ 84 83 79 30./7 82 85 84 79 1 3 3 East Ext. 11

Course and distan	ace made good since preceding noon by observations, /// (° 5	73 knots. tenths.
	(Latitude by D. R.	17059. "N
	Longitude by D. R.	530 29. " N
Position at Noon:	Latitude by observations of O	180 031 " N
	Longitude by chronometer from Forenoon Observations of ⊙	530 421 " 22
	(Latitude by W.R.	180 00. " N
Position at 8 A. M	Longitude by Wo O	530 331 · " W
		17057. " N
Position at 8 P. M	Latitude by DR Jun J. M. obs. 0	5-40 00: " 2
Current during th		
Error of the Com	pass by Azimuth ⊙ observed at , ship's head	0 '
Deviation of the (Compass by Azimuth @ observed at , ship's head	o variation used,
Error of the Com	pass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head-	o variation used,
Water expended d	luring the preceding 24 hours,	500 gallons.
Water	during the preceding 24 hours,	
Water remaining	on hand fit for use at Noon,	2000 "
Coal consumed du	aring the preceding 24 hours,	tons 800 lbs.
Coal remaining or	n hand at Noon,	85" 60 "

3/43

3 5

5

455444

8J. 2

77.7 92.3 97.9 3.0 7.9 /2.2

17.0

2

9 10 11 21/4 N

n'145

West

Ex5

East Ex N Nout N x W

J. E. Sr. Sr. E. E.

under the command of bommander & J. Strong Monday Dec. 13 4 , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 am from E.S. G. Bar Jacking Attering course of the No. No change in sail. Out 12 hands in factor loft reading 85.2. From 400 am to 500 am Claps airs Jum 6. 56 to Gast. Bar. ring. Executer morning orders of at 700 hauter down migun tophast staypail and took in starboard clear of mainsail. Helles. e from 800 am to Meridian from 8 = UM to Meridian

Jean 6 5.6 to 6 to 1. Bar. ruing the stady. Stating a course It to M. M. Same same sail as preceding frath. My 114 sept settle clear of manusail.

And 925 mistries at granter Exercise appointed at directional drills.

200 Serior seamanship instruction. I Be order of Comon of Their

the and from confinement M. S. Mehner (A.3C) sapiration of extrement By some authority confined (A.3C) to for Jory days

lin derible sirone offense separato insubstration. By dame authority

confined & Nelson N J. S. Desarborn (App. 3.C) for three days in

doleble birone. Henre- asleep on lookbut. Lieutenant W.S. A Meridian to 400 PM Cloudy-light variable airs. at 122 change course to Nest. List fore + aft sail + stansall when they would draw, Exercises as per voilible. By border of Coming of from relief a 6. Highe (4.30) from confinement them having expirit + 5 C Mc Enric (4.80) was planed in solitary confinement on thead + walt for Jon day, offered using obscience + personationals language to a But of Motorfy a faiting. dientinant. W.S.N From 400 9.M. to 800 9.M. Ship headed of course distring first how. Exercise at reefing topsails during I'm how. Sw. H. Williams

From 8° 9.M. to Midnight freeze from North to N. E. E. Barowelle cleavy. Aughlung the Ed + Hst. Just Jour Mr 8 4 look in & Jurel ropale flying get galf toprail. ON 113 Laney down man & four lorenast classical statement of many four brings to finant classical statement.

It. tacket migi John Wytwart Navigator.

30 13 80 79 78 79 40 21.0 4 23 4 2 24.0 2 5 30.12 80 79 78 79 30.1180 78 17 30.0980 79 78 30.0980 79 78 79 30.09 60 79 78 79 30.09 60 79 78 79 30.13 80 79 78 79 1.2 1.2 12 1.2 30.10-80 79 79 79 99 80.20 81 83 82 79 2 30.21 81 84 84 79 30, 20 8/ 85 84 79 Course and distance made good since preceding noon by observations, // /2°S 69knots. 170 49 Latitude by D. R. 540 421 Longitude by D. R. Position at Noon: 17 0 48. Latitude by observations of O 170 0%. de 540 44 Longitude by 170 42 130 20 knots 5 tenths per hour, setting to the Current during the time, -Deviation of the Compass by Azimuth @ observed at Error of the Compass by Azimuth O observed at Deviation of the Compass by Azimuth ⊙ observed at J'00 gallons Water expended during the preceding 24 hours, during the preceding 24 hours, 1500 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, N. N. 6 Hest 30.17 81 82 81 80 30.13 8/82 8/80 8 1/2 30.12 80 82 81 80 24.0 14 30.12 80 81 80 80 263 8 63 30.1 1/4 30.12 80 79 79 80 1/4 30.13 80 7979 80 1/4 30.15-8/7979 80 1/4 30.17 80 7979 80 34.7 43.5 26 1/4 30. 18 E1 79 78 80 30.15 81 78 78 80 30.18 81 78 78 80 b.c.l 7 55.0 8 55.0 11 30.17 81 78 78 80

who Breez

LOG of the UNITED STATES

under the command of Commander & I. Strong Queday Dec. 14 th , U. S. Navy. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and until 400 am Jum East. Bar Jailing. At 12 took an abanker mayor topmant stay all and starbrand clev of mamail at 200 set royale and at 300 litor in port clev of mambail. At end of watch funder jet and all square sail except majorgil and of watch funder jet and all square sail except majorgil. From 400 am to 800 am Clear warm + pleasant . Light airs to light bruge Jum & to Ex It. Barometer rising. Sterring a course West under same sail on preceding watch. Live Jordan U.S. A. From 800 am to Meridian. Jan the East to ENE. At 900 mustred at quarter i eacrised Divisional as follows: - Towder-Freat Sum!

10th 6th instruction; 2th Single etick + rignals; 3th Infantry.

White life instruction; I mainfail i migget to punish chargehil.

Inspected Magazine Stellown floodowsko Luntinant U.S. N. Meridian to 400 9 m sair and warm. dight bruge from N. N. E. Just hour, shifting to N. H. excount hour and to the chief hour and deshearing in Juste to quite they are the property of the standard of the sair set of sanker, gapt to peak and platform to make they read you and sail eskept main infail. Burning contract frest. By order of Conday Mich released by the Renault (43.2) and confined M. C. Blacker (4.3.2) for I day in colitary confinement on bread of water for Berselint disobedings of orders.

Sto. W. Helle ain. Strom 400 P.M. 6 800 P.M Clear- Modurate Sily bruge. Bar rising highlining to the 69 last how Steering course Hest. No change in sail. OP Lachen. OP tachen

From 800 9M to Midnight.
Clear and pleasant gightning to Not and 60 first half of water, bught
movelight last half Modesale being from North to St. J.G.
Daronkele stadie. No change in sail.

Delle Bringe

Examined and found to be correct.

John Wytewart Liest on avigator,

Ship Essea Jum Sunchal Madeira to St. Titto M. D. LOG of the UNITED STATES Making passage WIND. COURSES STEERED by Standard Compass. Height in inches. Air, Water at Bailb. Force. 30.16 80 78 78 79 30.15 80 78 78 79 30.13 86 78 78 79 West N.6 3.4 3 4 2 7 40 8 2 2 7 40 8 2 2 7 7 9 5 62.0 65.1 67.3 69.0 71.0 72.2 3 30, /3 80 78 78 79 79
30, /2 80 78 78 78 79
30, /2 80 78 78 79
30, /2 80 78 78 79
30, /2 80 79 79 79
30, /3 80 79 79 79
30, /3 80 79 79 79 6. J. E 6. Jr. E 2/2 N.E 22 1 10 30.10-80 82 82 79 30.13 80 81 81 79 1 11 1

Course and distant	ce made good since preceding noon by observations, dr. 24	69 knots. tenths.	
	(Latitude by D. R.	170 04" " N	
	Longitude by D. R.	550 591 " 21	
Position at Noon:	Latitude by observations of ②	17020' " N	
	Longitude by chronometer from Forenoon Observations of O	550 59. " W	
	(Latitude by N.A.	170 55- " 1	
Position at 8 A. M.	Longitude by Obo 0	55-0 47' " W	
	Latitude by MR	17015. " N	
Position at 8 P. M.	Longitude by NR Jun J. M. obs 0	560 09. " 82	
Current during the	-1	•	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used,	0 '
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1 11	
Deviation of the C	compass by Azimuth O observed at , ship's head	o ' variation used,	
Water expended d	uring the preceding 24 hours,	NOO gallons.	
Water	during the preceding 24 hours,		
Water remaining of	on hand fit for use at Noon,	1000 "	
Coal consumed dur	ring the preceding 24 hours,	- tons 800 lbs.	
Coal remaining on	hand at Noon,	84 " 1500 "	
1			

P. M.	9	5		est 1/2 N	1.6x6	1/2		30.10	81	82	82	79	f.c	eiz cu	6	S
2	1	3	-	/2 0.	Nout	1/2		30.10						"	6	"
3	1	5"		"	,	2	1/2	30.08				79	.,	"	6	"
4	1	7		"	"	2	1/2	30.08	79	80	80	79	"	"	6	"
5	1	4			N. N. E	2	1/4	30.09	80	79	79	79	1	"	6	+
6	1	5			,	2	1/2	30.09	80	79	79	79.		"	.6	"
. 7	1	0		"	,	1/2	1	30.11				79		"	6	1
8	2	0		"	Exs	2		30./2	81	77	77	79	€. c. g, p	en	6	"
9	2	0		"		1.2		30.14						"	7	"
10	1	2				1.2		20,15	82	78	78	79	,	",	6	"
11	1	7			6 N.E	1:2		30.15	8/	18	18	79	€.c. %	On. nim	5	**
Mid.	1	5		,	East	12		30.14							6	.1

Commander E. I Strong Hednesday Dec. 15 under the command of , U. S. Navy. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am Clear and flearant-Right to moderate buy Jun N.E to E. N.E. Bar. falling. Steering a course Hest under all sail except main trypail J. A. Jordan, W.S. St. From 400 am to 800 am

fair - dight airs to light breeze Jum A & to 6. N.E. At 500 took in
we arter clear of maintage and ball fore + aft sail except jet +
fly. sit and at 1750 ret them again. Blar rising slowly. At 1000 Lauler in pat log reading 72.2 (dientenant. U.S. N. From 8 - am. to Meridian Jair and warm - hight airs and bruger Jum J. E. At 9:0 mustine at quarters and then heer generall said drill and making said ripper fore lopearly and split fore groups, chifler book sails. At 11/2 trop lin spanker and galf topearly at end under all sail except tripail esanker and galf topearly by order of Coming. There continue C B Gith (200) for I days for doubted irons for Discrepent to and officer and dis-Gro W. Duliano Meridian to 400 PM Sain Sight buye Jum S. 6x S. to North Barometer fulling at 12 changes course to North Dr. at 30 per spanker + gast toprail. at end on feverine W/2 St. under all pail except mars Typical. Meridian to 400 e.m. From 400 P.M. 6 800 P.M. Som 400 9. M. to 800 J. M. clear and warm with paising rain last hour Light bruge from tout to 6x5. Barometer rising. At 700 took in soyale. They get and gaff lopsail. At 700 troken manneal, mann 4 medget lopsaalt claysails and spanker. Ut 700 set royale. At the From 800 9.M & Midnight passing showers lightning in the 65 last home of water. In the fight breeze find 6 x8 to 6. N.S. Barometer string that Jaking them falling. Stering of vourse of A.V. under same sail as preciding whatch at 800 haules down fore topinast charge all 101/000 att all fore + aft sail except man figured and grainmall at 11/000 last in apartel and gaff topiail the former having split all 1100 took in apartel and gaff topiail the former having split all 1100 took in all fore + aft sail except jit. Groign Lientenant. W.S. N. Examined and found to be correct.

John W Thewart

UNITED STATES Funchal Madeira to St. Trito. W Height Ther. att/d. Nater at Bailb. Force. 30,13 & 77 77 79 30,12 & 77 77 79 30,1/80 77 77 79 30,1/80 77 77 79 30,1/80 77 77 79 30,1/80 77 77 79 30,1/80 77 77 79 3 1 10 2 2 2 22 80.16 80 79 78 79 30.19 86 81 80 79 2 8 3 2 30.2/8/83 8/78 1 10 30.21 81 84 82 78 30.19 81 84 82 28 1 11 Course and distance made good since preceding noon by observations, H /3°S 35 knots. 170 16. Latitude by D. R. 560 831 Longitude by D. R. Position at Noon: 170 12. Latitude by observations of O 160 85, Longitude by chronometer from Forenoon Observations of ⊙ 170 17. Longitude by obo MR 170 14. Position at 8 P. M. Latitude by Longitude by DR from P.M. obs. 0 knots /, 7 tenths per hour, setting to the \$2000 W. Current during the time, Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at , ship's head variation used Error of the Compass by Azimuth ⊙ observed at , ship's head variation used, Deviation of the Compass by Azimuth ⊙ observed at , ship's head JOO gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 500 Water remaining on hand fit for use at Noon, tons //20 lbs Coal consumed during the preceding 24 hours, 84 " 380 " Coal remaining on hand at Noon, P. M. 30.15 79 78 78 78 80.13 80 80 80 78 N 3/4 N 12.2 30./3 E0 80 80 78 30./3 80 8/ 80 78 1/2 30./3-80 8/ 8/ 78 1/2 30./3-80 8/ 8/ 78 8 75:0 2.3 variable various 1.0 N. W. W3/4 W 0 77.2 3 82 2 8 N. N. W 3/4 W 3 80.0 1/2 30. 15 80 79 79 78 1/2 30. 16 81 79 79 78 1/2 30. 18 81 79 79 18 83.2 3 8 3 22221 86.0 3 N'3/4 N SSN 88.0 2 1/4 30.19 8/ 78 78 78 1/4 30.19 8/ 78 78 78 1/4 30.19 8/ 78 78 78 1/4 30.19 8/ 78 78 78 2 89.4 Sx W 22 92.2 10 5 11 3 3 V.C

Commander & Strong under the command of U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am. Fair Calme. Light bruge from the East. Under git & all oquare pail except mainsail. Mothelme Lieutinant. W.S. A. From 400 am to 800 am Gast breeze Jum East on 6. S. G. Baromette riving. Steering It / N. At 75 set ktallovary clear of manisail. At limit undly git and all equare pail except posts clear of manisail. We it true que From 800 am to Meridian Sily bueze. Baromete undeady. at 900 mustres at quarter Exercists Divisione as follows: 12m2 + Powder Infontry - 3m2 + Fort It alch of 1st single sticks, Altis watch 1st signals. 2nd Period Ansheetin of and aixing hedding. By order of Comog Afficer confined Robinson, C. (a. 3. C) in double I irons for two fathermarks in Durbedine of Orders. Som Meldian to 400 c. M.

Vaga and warm facing rain thin hour. Moderate to light breeze from South frish half of watch to affect breeze from S. W. & Slast house. Barbonder unstander. By oyder Is Comby officer estander course at 120 to 18 feb. By same of apithority releases from confinement. It I show (130 cm & 9.99 Seatown (130) experiation of confinement. At 1200 ship was taken aback boast for If land after a valuous courses until 600 when wore chip and towards her by any of maintail, flying pit, fore mayn t miggen to finant claimade spanker and galf topsails. Of 200 took in might to mingen topmast stangards and galf topsails set them again at 300. Took in Immideral ages get major literal at 3100. Exercised watch on deck at signally anothing and specifing and fluid at signal on myshering and specifing and further at secting up facility on post tack under all paid except mainsail. From Meridian to 400 8.M on port lack under all sail except mainsail. From 400 J.M. to 800 J.M then riving Decreams by the living on fort tack and on council of the point of the print of tack and on council 18:14 the print of watch. At He starter fire under Boden 13: Of 1th planter distilling. J. N. Jordan, U.S. A. From 800 PM to Midnight to gents breeze from SxIr to the South at 8th haules in part for any pleasant of some 58. and at 800 put it out reading 80 Distilling. Lientinant U.S. N. John W Thewart Navigator.

hip Essea LOG of the UNITED STATES m Tunchal Madeira to St. Wills Making WIND 30.17 80 79 18 78 30.14 80 18 18 78 30.14 80 78 78 78 30.14 80 78 78 78 78 14 30.13 80 78 78 78 be. z. 4.0 N 3/4 N SxH 13.0 14.8 t.e 1/2 30.13 80 78 78 78 27.4 30.16.80 78 78 78 30.18.80 79 18 78 5 31.9 5 31.2 5 36.2 1 41.3 2 47.5 0 13.5 SiE 1/2 30.22 80 80 80 78 1/2 30.23 80 80 80 78 1/2 30.21 81 82 8279 1/2 30.20 81 62 8279 11 NION. /0 / knots. Course and distance made good since preceding noon by observations, 170141 (Latitude by D. R. 180 10. Longitude by D. R. 170 16. Latitude by observations of O 180 211 N 170 141 N 570 531 Longitude by 170 13, W.R 180 52 Current during the time, - knots J tenths per hour, setting to the Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at 500 gallo Water remaining on hand fit for use at Noon, / tons /600 lbs. Coal consumed during the preceding 24 hours, " 1020 " Coal remaining on hand at Noon, 21 1/2 N 55.1 1/- 30.1881 83 82 79 Nest 16 30.17 8/83 82 19
16 30.17 8/83 82 19
18 30.17 8/83 82 19
19 30.49 17 72 17 19 6 c. 9, 7
30.20 18 15 77 79 6 c. 9, 7
30.10 18 15 77 79 6 c. 9, 7
30.10 17 17 77 79 6 c. 9, 7 0 64.2 68.2 3.4 70.1 73.7 74.9 74.9 79.5 4.5 6 4.5 06

3

3

30.17 80 78 78 78

30.17 60 78 78 78 30.16 80 78 78 78 30.17 80 78 78 78 30.17 80 78 78 78

30.17 80 78 78 78

cu

83. 3 86.9

89.1

4

863

0

under the command of Commander & Strong Siday Dec. 17 th. , U. S. Navv. , 18 97 Commence and until 400 am loudy to passing shown second how. Moderate breeze de tracking in Jone last hour Jam Court and 5x H. Storing a contract H 14 N. Ship headed If for short time during except hour all 100 took in trougale, flyibly git and gaff topsail. At end under all staypails, tripail and plant sail to top gallant sail except mamsail. Distilling. 910 M. Melians From 400 Dm. to 800 Am.
Fair - Genete to moderate bruge from Sx H. Barometer rising Above made all sail lawfor manual Stering H 1/4 M. under all sail except maineail. Distilling. Enrign From 800 DM to Mendian

Fair and warm. Moderate to stell breeze from 5x6 to South Barometer unstrady by order of Comog Officer changed course gt 842 to 11/2 to 1/2 to 18/2 to Mercilian to 400 J.M Olean and pleasant first part of watch, overcast cloudy threating of parsing phonons latter fact. Moderale to still bridge from 5 to 5 th. daying out about 300 Mm, and coming out llaps blend from the the inferior of a stiff breeze. Par falling them sibering. Sterring a course of 1/2 the instit 12 th when by bridge of Comog. Office changes course to the Exercise appentities at righter Districting. But order of from fine of the strength of the Jor. Jordan, W.S.A. From 400 P.M. 6- 800 P.M. Cloudy & aqually 1th part. Charing last part- hightning to NET We are it watch to coalinnally ethinder 1st part high to great breeze from It it. through the Start. M 452 took two response in to preact of Heyles pit & Sanker the weather looking very right to brindward. On 500 the weather clearing made all pail to I. I brailed. Distilling. Wotherline US.N From 800 9M. to Midnight.

Fair to cloudy - Moderage to light bruges from South hightning to Not We Sterring course Motor Mar change in sail. Distitling. I sail to main the change in sail.

GraM. Julius

Johnly Thurst Navigator.

LOG of the UNITED STATES

Ship Osed

Rate,

Madeira to St. Tith M. S.

Rate,

R

		-		0	WIND.				BAROMI	ETER.	TEMI	PERAT	URE.			19 - 19 - 19 - 19 - 19 - 19 - 19 - 19 -	9
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl. Sky, in 10th	State of the S
A. M.	2	2		Hest	South	2			30.15	79	18	78	76	b.c.l	Str- Cu	6	S
2	2	5			Sx6	2.3			30.14	79	78	75	79	"	"	6	2
3	2	1.		"	56,5	2.3			30.12					"		6	21
4	2	6			11	2.3			30.12					"	"	6	1
5	2	5		"		3			30.11	19	70	70	79	"	"	5	0
6	2	0		,,	S. Š. E	2			30.12	19	78	78	79	f.c	4	4	4
7	2	4-		"	3.0.6	2			30.17	79	79	75	.79	v.c	"	4	4
8	1	0		"	"	2			30,20	80	80	79	79	''	1	4	4
9	2	0		"	5.6	1-2			30.25	80	81	81	79	"	"	4	4
11	2	0			2.6 × E	2			3020					11		6	
Noon.	3	8	90.3		"	3			30.17	181	82	82	79	"	4	6	1

Course and distance made good since preceding noon by observations, A 25 17.07. Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O 519034. 170 08. st90 14. Longitude by 170 05, 090 58 Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at 500 gallons Water expended during the preceding 24 hours, 1400

Water remaining on hand fit for use at Noon, 1900 is Coal consumed during the preceding 24 hours, 1900 tons 800 tons

Coal remaining on hand at Noon, 8/ 220 is Coal remaining on hand at Noon,

under the command of Commander & Strong Saturday Dec. 15

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 UM Jain high to gents breeze from South to SEx S. dightung to the No. + He Bar Jalling Steering course Hest under sall stopmass stayeast of main sail to J. F. sails except mainsail. Destilling. Destilling. O.P. Lacken strom 400 am to 800 am At and the fit half of walled Barometer rising of the Spite Right buy to part half of walled Barometer rising of the last royale. Executed missing offers Distilling of the and gaff to paid. Executed missing offers Distilling Show 8 =0 UM to Meridian.

Olear and pleasant dight airs to gentle breeze Jum 5.5.6 to 5.6 x 6.

Baromela reting then Jolling. Studing a course Hest under pame sail as recoding watch. At 10 = brailed who main trapail and set still clar of the mainsail. At 10 = broken in graphen and galf to pail, set them again at 10 = Bey order of coming. Their believes from confinement C. J. Robinson (19.3 c) experiality. Meridian to 400 8.M. plowly. Distilling. From 40 P.M. to 800 J.M. Sight are and bruge Jum 5.66 and 5.6. Othering course Hest. No Change in sail. Distilling migratures From 8 and I'm to Midnight origin bruge from S.S.6 to S.6. Bar upstragy Sightning to the It Riest Hour Steering course Fresh No change fin spail Distilling. Or tacken breign

Examined and found to be correct.

Johnhytewar Lint + Navigator.

hip Essea LOG of the UNITED STATES Tunchal Madeira to St. Wilto West Making WIND. 30.16 8/ 79 78 79 30.14 8/ 76 78 79 30.14 8/ 78 78 79 30.14 8/ 78 78 79 30.14 8/ 78 78 79 30.14 80 78 78 79 30.14 80 80 79 79 30.14 80 80 79 79 30.14 80 80 79 79 Heet East 0 6. N. 6 6.5.6 2 2 0 2 4.5 1 16.6 0 23.6 2 22 30.25 81 83 81 79 30.25-82 85-82 80 10 30,25 82 88 83 80 2 30.7 30.24 83 88 84 80 Course and distance made good since preceding noon by observations, $\mathcal{H}\mathcal{H}\mathcal{N}$ 74 knots. 190 000 (Latitude by D. R. Longitude by D. R. 170 12. Latitude by observations of O 600 41. 170 03. 600 160 52 Position at 8 P. M. { Latitude by P. M. obo. 0 6/0 3/1 - knots of tenths per hour, setting to the Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth O observed at 500 gallons Water expended during the preceding 24 hours, 1100 Water distilled during the preceding 24 hours, 2500 Water remaining on hand fit for use at Noon, tons 640 lbs. Coal consumed during the preceding 24 hours, " 1820 " Coal remaining on hand at Noon, 4 37.8 9 25.3 9 72.2 4 78.6 9 72.2 2 84.8 9 9.9 9 9.9 9 9.9 9 9.9 N.S. W/2 W 30,20 83 89 85 80 30.7 83 94 86 80 30.17 83 89 83 80 2 30, 1) 83 89 83 80 30, 1) 83 85 82 80 30, 98 28 87 99 80 30, 20, 63 80 79 80 30, 22 83 79 79 80 30, 23 83 79 79 80 30, 23 83 79 79 80 30, 23 82 79 77 80 30, 23 82 79 77 80 30, 23 82 79 77 80 22 5.6 2 3 90.9 6.c.l 3

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11

S. N. W. Y. X.

Commander & Strong Sunday Dec. 19 under the command of , U. S. Navy, , 18 97. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am Clear and pleasant dight airs from East to & S. B. Baromyly unstady.
Morn rose all 12 at 124 trop is main and shirty in topthat tagether
What work in clarboard clur of maineast and set fort clur. Distilling. from 400 am to goo am Oban 45 UM. to 8 - UM.
Oban warm and pleasant. Light bruge from 6. S.G. li 6. S. Bar rising
Steering a course West under same sail as freeding watch.
At 410 harles up host clew of mainsail Jurles it and fout on
steaming covered. establis fines in Boilers Arts and got up smoke-pipe
Distilling.

Juri Jordan.

Limitinant. M.S. dunlinant, U.S.A. From 800 DM to Meridian Clear and very warm-dight 6x5 buge - At 81/2 went ahead on engine Course sail. At 8° Just spead ahlad. At 9° musting at gharters County. Hice inspecting. At 10° Divine Covice held on Sum Dick. At 8° put over par long reading 4.4 Av. rev. 41. Steam 50 lbs. At 12° changed course to 84 1, 5. pl. 30,7. Monterline dienterant, U.S.A Meridian to 400 of M. Change course to 1th Sught breeze Jum 6 x S. Steaming. at 12 par log 31.4 changed course to 1th S. Oth 1.2 fallent log 396 Changed course to M. S. W. Steaming all 1 Some the Course to the St. Specker (2,3 C) from confinement, and confine of S. M. Specker (2,3 C) from confinement, and confine of S. M. Specker (2,3 C) from soldary confinement on break to water for Disobldines of Orders. Average steam 50. Av res. 41. average steam 50. av per. 41. Grott Jollans Onsign From 400 9. M. to 800 J.M. From 4 - Sight to gentle breeze from S. E + ME. Bar rising Unbest major to miggin to pend to both bound stays allo gaff to be all to miggin to peal to be to the bolts town shains t fast articles of the bolts all 50 eights the island of Intigua bearing thest (feel dich 35 miles. At 60 rights and about to be bearing about S. H. J. C.) Stering were the SH & M under steam above. At steam 50. Ar rev. 39 Distilling of backer Of Lucion Ensign? From 800 G.M. to Midnight. clear and pleasant Jenete bruge Jum East Bar pleasy. At 10 00 regules island of Montagnat alpead. By order of Coming Micer changer course lat 10 2 to S. W. W. W. As please of Or. May 36 Dulya. John Stewart , Navigator.

LOG of the United States Ships Eased

Rate,
Making Jassage Jum Sunchal, Madeira to It Willows at an char in harbor of It Helto 11. 20

WIND.

BAROMETER TEMPERATURE

Brain of COURSES STEERED Direction by Standard Courses

By Standard Courses

Direction by Standard Courses

Direction by Standard Courses

Direction by Standard Courses

Direction by Standard Courses

- 0	V				WIND.				BAROME	TER.	TEME	ERAT	URE.		V/E	1	4
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10"	State of the S.
/2./9 A. M.	.1	6	10.7	5. 7 /2 W	East	2.3			30.25					f.c	cu	7	5
3/4	6	1 5%	21.4	4.5.n 12 n	N. N. E	2.3			30.19	82	79	77	80	"	"	98	1 11
4 5	326	948	34.2	1. 1. 1/2 M	.J.6	3.4			30.16	81	79	77	80	"	"	7	
6	67	9	47.9	. "	4	3			30.18	81	79	77	80	"	gin fa-cu	76	
8 9	725	10,	62./	Jr. Wast	"	3			30.22	8/	80	79	80	"	"	6	
10	3 6	8	72.7	Ax"myrm AxXI	"	5			30.27	81	82	79	80	"	4	6	
oon.	-	-	-	various	"	4			30.25	81	83	79	80	"	"	5	-

Course and distance made good	l since preceding noon by	observations,	30 N	//7 knots	. t	enths.	
(Latitude 1	y D. R.			1 0.	,	"	
Longitude	by D. R.			0	,	"	
Position at Noon: { Latitude b	y observations of O			. 0	,	"	
Longitude	by chronometer from Fo	renoon Observations	of O	0	,	"	
	y Bearingi			160	13,	" A	
Position at 8 A. M. Longitude	hv			620	3/1	" &	
(Latitude 1				0	,	"	
Position at 8 P. M. Longitude				o	,	"	
Current during the time,	knots tenths pe	r hour, setting to the					
Error of the Compass by Azim	uth ⊙ observed at	, ship's head		0			
Deviation of the Compass by A	azimuth o observed at	, ship's head		0	,	variation used,	0
Error of the Compass by Azim		, ship's head		0	,	"	
Deviation of the Compass by A				0	,	variation used,	0
Water expended during the pr					5-00 ga	llons.	
Water	during the preceding	24 hours,				"	
Water remaining on hand fit for				2	000	"	
Coal consumed during the pre-				4 tons	400	lbs.	
Coal remaining on hand at No				68 "	1420	"	
Coar remaining on hand at No	···,						1000000

M. 1	6. A. E	6.1.6	4	30.23 52 83 79	b.c sti-Cu
2	1.6	.N.6	4	30.23 82 82 79	" "
3		. "	3.4	30.22 82 82 79	" "
4	,,	N. N. E	0.4	30.21 88 82 79	" " 3
5	"		3	30.23 82 8/ 79	" " 3
6	1.6x1	N. ExN	13	30.24 82 80 84	. 11 "
7	N. E x 6	N. ExE	3	30.26 82 80 77	beh "
8	26x6	East	2	30.24 82 77 75	1" 2
9	1.6	N.6 x N	3.4	30 30 82 77 77	E. g. g. p nin 3
10	1.6 x E		a. 4	30.30 82 77 77	b.e.b, "
11	4	N. 6 x 6	4	30.30 8/ 77 77	" "
did.	1.6	N.Ex.N.		00,27 8/ 78 78	" "

under the command of Commander & Strong Honday Dec. 20 4 , U. S. Navy, Commences and until 400 am Other and pleasant dight to moderate bruge from 6. to N. 6. Dan Jalling. Stering a course S. H. x. H. H. under steam alone. By Jorder A. Omody. Pficed model the following change of course at 122 St. H. H. at 24 to H. St. H. at 22 to H. h. A. at 22 to J. M. M. A. 22 to J. M. M. A. at 22 to J. M. M. at 30 to J. H. H. The island of Mouharenat in sight on stot for and beam all the walth. Distilling. An pleam 50 th. As her se J. V. Jordan, W.S.A. ctrom 400 am to 800 am Clear and pleasant - Gentle A.6 bruge. It 40 changed course to A.M. A. Jak. log 34. Cacculir morning orders. Preparing for port. I set light yards leavy for coming down. It dawn Reddinda + A veril in sight lon sety! the Coming of watch, Redonda about 3 pts. about step, beam. Never 3 pts. Joil. Altil healm. St. Nilto 2 plo. on settil bow. Motherline Lienterant W.S.A. From 8 - UM to Meridian.

Fair and warm- Moderate to still brugar Jum It & Staming. At 8 " Just log 64 Changed course to It It x It. affly you loss. 72.7 changed course to It x It for the first and loss pasself in Just log. Stored in Seasestern Roads. Cofinday. These consuming. At 1/3" cannot be upto front anchor in 1/2 Inn. and velved to so fathorm on chain. Bearings of anchorage. Baselerse Light It It (magnetic) Sout to Earl of harbor It x X (magnetic) Draft of sout forward 18 91-2 in 18 1/2 to 4 in. Received pratique. Seat and There to call on the Universe Medical States. Allowed June to die out in Rolling. A TR. - Distilling. From 800 am to Meridian Sto. W Freign Meridian to 400 P.M.

Green and warm. Sinct to moderate breeze from 6 N.64 N.6 Sent down
light yards unbent sails & re-crossed chim! Unbent all vails. The US.

The Council visites the chip, salutes him with 5 gum. By order of Council originates from confinement & restour to chilly Oliver JURISC

4 Proposed J. (93.C) & by same authority confiner who fill (15.C) for 2
days solftary confinement on bright water for disobevience of orders.

Solf up topist ast begging & made fugaration for ratting down.

Expended in bronastic Mept. Jure to pas saluting charge. Splitting. Meridian to 400 e.M. From 400 9.M. to 800 9.M. Fair to cloudy Harm - Passing chowers. Heavy ram squall last how. Light to gentle bruges from between H. E and East Distilling. Soo. IT their am From 800 2 Miles to replace the moderate breeze Jum 1.6 x 1. to 1.6 x 6, blowing in equals - Disspilling of the best from John Therefore John Junior sangular.

LOG of the United States Ship Essea an anchor in harbor of St. Milto. H. J. Rate,

1			Durling		WIND.				BAROMI	STER.	TEM	PERAT	TURE.			lear ths.	Sea
Honr.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Alr, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the
A. M.				N.6 × 6	1.6 16	45			30.29					fag	nin	2	
2				1.6	1.6	4.5			30.26	-				b. c. g. f	"	2	
3				1.6 x 6	1. Ex6	2.5			30.26					fic-	"	3	
4 5				07.0 ~ 0	07.6 26	2.5			30.25	80	78	79		f.c.g,	"	4	
6					" -	2.5			30.26					6,	su-	4	
7				1.6x8	1.6 6. N.6	3.4			30, 24		1			t.c	Str	6	
8				6.1.6	6. N. E	3.4			30.30			-		" "	cir	9	
9				N.6 x 6	"	34			30.30					"	4	7	
11					"	3.4			30.25			- /		"	4	7	
Noon.			1	. 6. Jr. 6	"	3.5			30.28	8/	81	17		"	"	17	
								-						-	-		

Course and distance made good since preceding noon by observations,	knots.		tenths.		
(Latitude by D. R.	0	,	"		
Longitude by D. R.	0	,	"		
Position at Noon: Latitude by observations of ©	•	,	"		
Longitude by chronometer from Forenoon Observations of O	0	,	"		
(Latitude by	0	,	"		
Position at 8 A. M. Longitude by	0	,	"		
(Latitude by	0	,	"		
Position at 8 P. M. Longitude by	0	,	u		
Current during the time, knots tenths per hour, setting to the					
Error of the Compass by Azimuth O observed at , ship's head	•	,			
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0		variation used,	0	-
Error of the Compass by Azimuth O observed at , ship's head	0	,	"		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	
Water expended during the preceding 24 hours,	5	00	gallons.		
Water distilled during the preceding 24 hours,	14	50	"		
Water remaining on hand fit for use at Noon,	29	50	"		
Coal consumed during the preceding 24 hours,	tons	200	80 lbs.		
Coal remaining on hand at Noon,	tons 67 "	15.8	PO "		
	/				

М.	6.1.6	6.4€	4	30.25 82 81 76	f.c	ei 5
2	ExM	E1 N	4,5	30,2882 82 77	",	" 4
3		"	4	30.26 8/ 8/ 77	6.	, 6
4	6. N. E	6.1.6	4	30.20-8/8/77		" 6,
5	"	"	3.4	30.24828/79	b.c	eum 6
6	6 x N	6x dr	3	30.2482 7977	"	eii-cu 6
7	6.4.6	N. 6 x E	3	30. 26 8/ 79 78	, .	" 6
8	EXN	,,	3	30.28 8/79 28	4	" 6,
9	East	East	3	30, 29 8/ 28 77	"	" 6
10	6 x N	EXN	4	30, 28 80 80 75		, 6
11	Earl	East	45	30.28 8/ 78 76	"	eu 9
did.	. Ex A	611	4	30.28 81 7976		" 9

under the command of Commander & Strong Suesday Dic 214

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 am to still breeze blowing in square from J. J. 6 to J. E. Barometer unsetadog. Distilling of row 400 am to 800 am with stiff equally filet half. Percent in Dept. If ord Juch provisions las Jollows: - Belf 120 lbs. vegetables 120 lbs. Break 96 lls.
Ratting down Distilling Suo. Mrute our Char and warm- Senet to still bruge from G. N. 6 blowing in squalles. Of 950 mustre at quarter Earliesed boats grows under oars & sails. By order of Country of Greek confined Muyer, C. S. (13C) in doubte wome for three days of fewer stocking another bused in the Trang. I bonance officer tack shell soom flow spocks & John them in good working ower. Railing down. At 1000 finished distilling and left fines die oft tacksen. From 800 am to Meridian Meridian to 400 P. M. Moderate bruse from & N. E and E. N. 18 arometer falling. Exercises port watch of apprenties at boats under town. From 400 P.M. 1 800 9.M.

A. Elear and warm- Jenett to moderate bruge Jum & N. 16

A. Ex E. Sent down light yards. Parting about. Op Laden Ensign Gurign From 800 J.M. to Midnight. Olear am pleasant Moderate 6'ly wind. Barowelle degree Alseller.

Examined and found to be correct,

John Stewart Warigator.

LOG of the UNITED STATES Ship Essea 32 Rate, At anchor in harbor of Basseltine St. Wilto. H. D. RAROMETER TEMPERATURE

			Reading		WIND.				BAROME	ETER.	TEMP	ERAT	URE.			98.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th
. M.											-	75		1		
1				6×N	GXN	3-5			90,30	80	19	1/		6	-	10
2				11	"	3.5	338		30.19					"	-	10
3					,,	3.5			30,24	82	79	77		"	-	10
4				"	,,	3.5			30.26	80	79	27		AI	-	10
5				"		3.0			30,26	80	79	77		b.c	der	8
6				. "	"	3.4			30.27					,		8
7				"	"	3.4			30 29	80	80	77		1,	"	6
8			188	ENE	6. N. 6 6 x N	3.4			30.31	87	79	79		11/2	cir	8
9				6. N. E 6 x St	Ext	3			30.29							8
						3			30,29	82	85	81			1	2
				6. N. 6	6.4.8	4			30.28					"	"	4
on.				Ext.	EXM	4,5			30.28					"	"	8

Course and distance made good since preceding noon by	observations,	knots.	tenths.	
(Latitude by D. R.		. ,	"	
Longitude by D. R.		0 ,	"	
Position at Noon: Latitude by observations of ②		0 ,	"	
Longitude by chronometer from Fo	renoon Observations of ②	0 ,	"	
(Latitude by			"	
Position at 8 A. M. Longitude by		0 ,	"	
(Latitude by		0 ,	"	
Position at 8 P. M. Longitude by		0 /	_ "	
Current during the time, knots tenths per	r hour, setting to the			
Error of the Compass by Azimuth ⊙ observed at	, ship's head	0 '		
Deviation of the Compass by Azimuth ⊙ observed at	, ship's head	0 '	variation used,	0 . '
Error of the Compass by Azimuth O observed at	, ship's head	0 ,	"	
Deviation of the Compass by Azimuth ⊙ observed at	, ship's head	0 1	variation used,	
Water expended during the preceding 24 hours,		550	gallons.	
Water during the preceding	24 hours,			
Water remaining on hand fit for use at Noon,		2400	"	
Coal consumed during the preceding 24 hours,		- tons -	lbs.	
Coal remaining on hand at Noon,		67 " 15	80 "	
		/		
		-		

M.	200						10	-
1		EXN	ExN	0.5	30.30 82 84		b.c	on o
2				3.5	30. 28 82 84		"	Ou-N4
3		, ,	,	3,5	30.26 82 82	. 82	,,	" 3
4		6. N.E	E. N.E.	3.4	30.27 82 83	8/	4	
5			"	24	30. 27 82 83	8/	4	", "
6		ExN	East	3.4	30. 28 82 80	80	,	" -/
7		Ex N East		4	30.29 81 80	80	,	" 8
8			"	4	30.28 80 80	80	,	1 8
9			"	3.4	30.26 82 80	10	M	
10			,	3.6	30 28 81 80		G.E.9	4
11			"	3.6	30.32 8/ 80	80	"	4 7
Mid.		6×N	G'X N	26	80.3/8/80	80		4 8

under the command of bommander & Strong Nednesday Dec 22m

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 am Jalling then diving. Denete to stiff bruge from Ex N. Barometer Jor, Jordan, W.J. St Som 400 am. to 800 am
Clear- Gents to impediate bruge from 5x V. Precious in Dept of
Supplies to Reets efte following I less provisions. 96 ets bust,
rol less each of beet and regletables Making preparation for
tarring down & Sordper toping asts. Patting down. From 800 am to Meridian Clear and warm- Gent to moderate breeze Jum 6 x M. Barometer steady. Exercised apprenties at boats under oare. Sarred down by Jordey of Country files released Jum confinement C. M. July (1.13.0) expiration of confinement. Meridian to 40 9 M

Clear and warm-showers around housen Just to still By
bruse from 50 % to 6 % 6 B arometer falling then rising By
order of County Mich released from continement. By Shea
and 1.50 Murk fix (Mps 3 C) exhibition of continement. By same
authority continti (M. Cumminge (93 C) for the days, solitary
confinement for bread & water, Mence. Discrepetified language
to a Juty Oficer. Also confined P.C. Jong (9.3.C) for 5 dalso
on bread of water, solitary confinement. Jene - orientordinate
conduct. List. Jordan M. From 400 9. M. to 800 J.M. Clear and warm - Genete to moderate breeze Jum East and 6 V. E. Barometer vieing. Received the following kloter-Construction 2 blls reached line- 17 back bricks. From 800 J.M. to Midnight buy with still to Juck equalls Jum Gast. Barometh steady then rising them Jacking Jum Jordan. W. V. Lindenant. U.J. V.

Examined and found to be correct,

John W Thewart or Navigator.

LOG of the UNITED STATES Ship Essex 32 Rate,

					WIND.				BAROME	TER.	TEME	ERAT	TURE.			P. P. P.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl. Sky, in 10th
A. M.				East	6.1	36			30.32	82	80	81		f.c	Ou- n	7
2				puer	6 x S	3.6			30.82					"	"	6
3					"	3.6			30,80	81	79	79		,	nin	1
4 .				,	EXN	3.6			30.30	81	79	81		0"	4	9
5				,	"	3.4			30.80			-		t.c.91	4	6
6				"	"	s. K			30.31					"		5
7				"	_ 1	3.4			30,31					"	"	5
8				615	East	3.4			30.29					".	Cu-st	7
9				East	" -	3.4	-		30.28					"	4	6
10				Exs	8 x J	34			30.31		1			A	.,	4
11				East	GVN	2.4			30.35		11/			v.c	ou	5
oon.	-		1800	6. Jr. G.		2.4			30.34	81	87	22			"	5

Course and distance	e made good since preceding noon by	observations,		knots.		tenths.		
	(Latitude by D. R.			0	,	"		
	Longitude by D. R.			0	,	"		
Position at Noon:	Latitude by observations of ①			0	,	"		
	Longitude by chronometer from Fo	renoon Observations of @		0	,	"		
	(Latitude by			0	,	"		
Position at 8 A. M.	Longitude by			0	,	"		
	(Latitude by			0	,	"		
Position at 8 P. M.	Longitude by			0	,	"		
Current during the	time, knots tenths pe	r hour, setting to the						
Error of the Compa	ass by Azimuth O observed at	, ship's head		0	,			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		0		variation used,	0	1
Error of the Compa	ass by Azimuth O observed at	, ship's head		0	,	"		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		0		variation used,	0	
Water expended du	ring the preceding 24 hours,			5	00	gallons.		
Water	during the preceding	24 hours,				"		
Water remaining o	n hand fit for use at Noon,			19	00	"		
Coal consumed dur	ing the preceding 24 hours,			tons	800	2 lbs.		
Coal remaining on	hand at Noon,		67	"	780) ibs.		
			/					
					-		-	

. М.	East	Ex A	4	30,32 82 5) 85	1.0.	Qu-cu
1		the state of the s	2.3		4.0	
2	ExA	6. N.E	2.3	3030 82 83 83	11	"
3		1	2.8	30.30 82 85 84	"	Cu-min
4	6. 1.6.	"	16	30.30 8/ 79 80	0",	nim
5	East	Cart	4	30.82 81 76 78	b.c. 6	4 2
6	N.6 x 6	N.6 x 6	3	3032827577	"	1, 3
7	N. E x N.	N.GX N	3	30.32827578		" -
8	1.11.8	"	1.2	30.32 8/76 28	1.4	".
9	East	East	1.2	30.34 8/79 80	b.c.g/	- "
10	6. N.E	6. 1.6	1.2	30.04 8/79 81		" 1
11	East	Ent	2.4	30.34 8/ 80 81	"	" "
Mid.			2.5	30.32 82 80 81	",	" "

under the command of Commander & S. Strong Phursday Dec. 23 mg , U. S. Navy, , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 am Jush breeze in squalle Jim Ext. to 6 x S. Motheline

Motheline Lintenant. U.S. N

From Has am to 500 am Gentle to moderate breeze from 6x N Gast. Barometer strang Engager in painting spare Precined Just provisions as Hollowford 96 lbs bread and 120 the each of beef land regulable.

From 800 am to Meridian Even for and pleasant - Light to moderate breeze from Existo Exist. Barometer raining them claiming Exercise appending space in said and with work. I pun SC 4 Cl) preported his letter of enlictment as having expected featured on volument of expected featured on volument as having expected. Jesus on volument as having free 139 lb. potatots and 240 lb. beans

Jordan U.S. N

Meridian to 400 J.M. Charles hour wish rain squall clight to fresh breeze from 6x pt. 6 6 f. 6 Eaucing brat under sail and vars. Painting rails, chesto, smoke fife & ventilation

dientemant. W.J.N From 400 P.M. & 800 P.M. Saving showers dight air to moderate breeze Jum S. 6 x M to 6. Parometer strong.

Lieutinant. U.S. N. From 800 PM. to Midnight airs to stiff bruge from the East to 6. 45. Miller

Milpeline U.S. N.

John Thwart Navigator.

LOG of the UNITED STATES Dassetire At auchor in A. M. 6. N. E S. E 6. N.E 30.32 81 79 81 4. c. g/ Cu-Sh 6. x V 30.32 81 79 80 3.4 30.32 8/ 79 80 Each East 35 EXN EXN 20,3286 79 80 31. 30.32 80 50 79 4 615 3032 80 80 79 3.4 30.32 86 8/ 82 East 3 6 x N. 6. S. 6 30.12 80 83 83 6. J. E. 6 x. S 3 3036 81 83 83 6.5.6 30.36 8/ 83 83 10 30.34828483 cu. sto V 11 GXN 30.52 82 84 79 Ex S air.cum 5 Noon Course and distance made good since preceding noon by observations, (Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O (Latitude by Longitude by Position at 8 P. M. Latitude by Longitude by Current during the time, Error of the Compass by Azimuth ⊙ observed at ship's head , ship's head Deviation of the Compass by Azimuth O observed at Error of the Compass by Azimuth ⊙ observed at . ship's head Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, during the preceding 24 hours, 1300 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, " 780 Coal remaining on hand at Noon, P. M f.c.g Gast E.N.E 30.328/8/85 Cir-cu 124 6. N.E 30.81 8/8484 6 1 N EXN 30.32 8/84 8/ 6. N.E 6. N.E 30.328/8483 Ex N ExN 30.00 8/82 82 43 Earl Ex N Earl 30.00 8/8/83 3 ExN 30.318/8/82

20

2,5

2,5

2,5

6. N.E

11

30.33 8/8/8/

30.32 848/8/

30.33 8481 82

30388/808/

30.36 81 81 81

10

11

Mid.

6. V.E

under the command of Commander & J. Strong Priday Dec. 24 H , U. S. Navy, Commences and until 400 am Jun between East and E. S. E. moderate brug with stiff fuffer from between East and E. S. E. Dro. Monitiones From 4 an to 800 am

Barometer steady then rising. Received on body in Dest Supplies
and arcto. 96 lbs. bread and 120 lbs. each fresh mest + vegetables. Lintenant U.S. N. Meridian to 400 9. M. Moderate bruge with still Juffe from 6. N. 6 and 6 x N. Trainting chip in board. Receiving healts. Seo. Withaus From 400 9.M. to 800 9.M. Each to stiff breeze from Ex I to the Each Principled taking matin about having received 1/20 galle. Mottaline MSN. From 800 9.M. to Midnight gehover seems hour dight to gentle bruge with stiff puffe from 6 Min Mining

Johnhy Stewart Navigator.

LOG of the United States Ship Essex
At anchor in harbor of Basseltre St. Fitts. W. D.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	1		Page 18.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th
. M.														1		
1				6xN	6. 1.6	3.5			30.36	8/	80	51		b. c. 9	Cu. nim	4
2				6 x N 6 N. 6	,	35			30.82					"	en-ci	6
3						3.4			30.24	8/	80	80		"	"	5-
4				,		3.4			30.32					4	1	5
5				"	6 x N 6. N. 6	3			3032					"	Cu-Sh	5
6					G. N. 6	3.5			30.33					v	.,	4
7				"	,	3.5			30.34					1.	nin	4
8				4	-"	3.5			30.36					G.C	ch	6
9				East E. N. E	Cast	4			30.39						gu en	6
0				E. N. G	6. N. E	4			30.39					4	"	6
1				EIN	GxN	4			30.37					"		6
on.				"	,,	14			30.37	82	80	84		41	4	6

Course and distance	e made good since preceding noon by observations,		knots.	tenths.	
	Latitude by D. R.		0 ,	"	
	Longitude by D. R.		0 ,	"	
Position at Noon:	Latitude by observations of ⊙		0 1	"	
	Longitude by chronometer from Forenoon Observation	s of ⊙	0 ,	"	
	(Latitude by		0 ,	"	
Position at 8 A. M.	Longitude by		0 ,	"	
	(Latitude by		0 1	"	
Position at 8 P. M.	Longitude by		0 1	"	
Current during the	time, knots tenths per hour, setting to th	ie			
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head		0 1		
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head		0 1	variation used,	0 1
Error of the Compa	ass by Azimuth © observed at , ship's head		0 1	"	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head		0 /	variation used,	
Water expended du	ring the preceding 24 hours,		530	gallons.	
Water Recei	ived during the preceding 24 hours,		720	"	
	n hand fit for use at Noon,		15-00	"	
Coal consumed dur	ing the preceding 24 hours,		tons 80)	
Coal remaining on	hand at Noon,	6	6 " 22:	20 "	

. M.	0 1	- 1			0	0
1	6x N	6 x N	14	30.34 82 85 84	T.C	pr-cu o
2		"	4	30.32 8/ 84 83	"	0 ,, 5
3	"		4	30,3/8/83 83	,	" 4
4		"	3.4	30.8/8/ 82 82	"	nim 4
5	"	"	34	303282 8/8/	"	11 3
6	"	"	4	30 33 82 80 80	"	" 3
7	"	"	4.5	30 33 82 80 80	111	" 4
8		"	4.5	30.34 82 80 80	€. c. 9/	11 4
9	1	"	4.5	30.35 82 80 80	1	" 4
10		"	4.5	3035 82 80 80	"	" 4
11		"	46	3035 827980	"	" 4
Mid.	1	"	4.6	30.85 82 79 80	,,	1 4

under the command of Commander & Strong
Saturday Dic, 25th

, U. S. Navy, , 1897.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 400 am Jan 6. 4.6 blowing in squalle.

From 400 am to 800 am buse from Exit to E. S. & in agualla Executive morning anders. and 655 S. Fontabelle came in from the Kestyary.

The Kestyary.

The fush beef.

Milliant, W.S. S.

Motheren ant, W.S. N. From 800 am to Meridian.

Pergres in Nept. of San Acets, 107/2 the of beef If Sulliam (Vilu) about without leave.

Die to the sum and the sum of the sum of the sum of the sum and the sum

Meridian to 400 J. M. There are Sente to moderate brune from Ext. By order of Combine released from son finement of restores to duty comming in a solitary confinement for June days from I answere to a Betty office. Sent littley party fashine. Plackon oneign

From 400 9.M. to 800 P.M.

Jun 6 x N Liberty farty of boys returned Show Albana

From 800 9.M. to Midnight.

The fresh bruge from 6 x N. blowing in Equals.

Of tacken.

John Wlewart Navigator.

LOG of the UNITED STATES Ship Essex St. Futto M. D. Rate,

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.			lear bs.	Jea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl Sky, in 10th	State of the
A. M.														1			
1				EXN	EXX	4.5	•		30.33					6.c.91	en	6	
2				East	East	4.6			30.30	79	78	79		f. c. q. 1	Qu. Min	2	
3				6 xN	6 xN	4.5			30,80	199	78	79		4	"	6	
4					. "	4.0	•		30,30	80	78	79		b.c.9,		6	
5				"	,	4.5			30.29					,,0	"	5	
6				East	"	5.5			30.29					,,	1	4	
7				6. N.E	"	35			30,32					0"	",	4	
8				East	,	2.6			3035	180	79	79		F.c. f	-1"	4	
9				6.11.6	6. N. C	4,5			30.39	180	79	80		6.c.g. 3	Pr. st	12	
10					,,	4.5			30.09	80	80	81		t. c. 9	0 "	2	
11				East	East	4.5			30.38					4	Jen-s	2	
oon.				ExA	EXN	4.5			30.36	81	84	83		11	4	4	

Course and distance	e made good since preceding noon by observations,	kno	s.	tenths.		
	Latitude by D. R.	0	,	"		
	Longitude by D. R.	0	,	"		
Position at Noon:	Latitude by observations of O	0	,	"		
	Longitude by chronometer from Forenoon Observations of O	0	,	"		
	(Latitude by	0	,	ii .		
Position at 8 A. M.	Longitude by	0	,	"		
	(Latitude by		,	"		
Position at 8 P. M.	Longitude by	. 0	,	"		
Current during the	time, knots tenths per hour, setting to the					
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,			
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0	,	"		
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0	,	variation used,	0	
Water expended du	ring the preceding 24 hours,		500	gallons.		
Water	during the preceding 24 hours,			"		
Water remaining o	n hand fit for use at Noon,	10	00	- "		
Coal consumed dur	ing the preceding 24 hours,	— tons	-	lbs.		
Coal remaining on	hand at Noon,	66 "	22	20"		

P. M.	Ex A	&x.N	4.01	3034 81 85 84	F. c. q Qu-cu 5
2		"	4.5	30.3/8/828/	" " "
3		,	4.5	30.3/8/828/	" "
4	"	,	4.5	30.31 8/ 82 8/	" "
5	,	"	4.5	30.31 8/ 8/ 8/	" 5
0	- "	*	4	30.31 52 8/8/	" 4
7	East	East	4,5	80.33 8/ 80 80	" 4
8			3.5	30.35-81 80 80	" " 6
9		,	4.07	30.31-82 80 80	" 2
10	,		4.5	3035-818080	" "
11	,	,	4.5	30.35-81 80 80	" " "
Mid.	,	"	4.4	30.35 82 80 80	" " 6

Commander & S. Strong. Sunday Dec 26 th under the command of , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and ensetil 400 am Cloudy - squally with rain second and thirt from of watch.

Moderald to slift breeze blowing in squalls from 6 x N. Barometer falling. Eneign otrome 400 am to 800 am Jan to cloudy- Gente bruge with still pulls Jum GAN Temp yam squall last hour. Received thin Delst I of and acts bush provision as Jollows: Bread 16 165 Blef 1600 Houghtenson american Schroner Vorambega went to sea Dro. MArugams From 800 am to Meridian Cloudy and warm. Moderate to still breeze from East to 6. I. E blowing in squally. Parsing shower first throng. At 9° mustred at quarters gater It (13 M 2C) + Sullivan IN (O'lle) absent without blane. Comod Pfices inspector ship & crew. At 10° held Divine Service, Sullivan II brien returned on board 18 hours overtime. O.P. Lackare Ensign Meridian to 400 9. M. Moderate to cliff breeze blogwing in squalle from 6 x St. Darometer falling. Sent liberty party achores Italies. Enter From 400 9. M. to 800 9.M Of Jair. Moderate to still bruse Jum Ex I + Cast blowing in squallo Of 50 went to quartered + strow out clean hammoteks. By order Comog. Officer stand Crown Eg. (M. at Axc) in doubte inthe Por J days. Henre-abusing OM. at arm. for having discovered Seminggles lighter. of teder From 800 J.M. to Midnight.
Clear and pleasants- Moderate to stiff breeze blowing in
squalle Jim East, Baromelia steady.

Abiller

Examined and found to be correct.

John & Heynet & xavigaror.

LOG of the United States is Ship Essex St Rate, At anchor in harbor of Basseline St. Titts It.

			Reading		WIND.				BAROMI	ETER.	TEME	ERA	TURE.			lear bs.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.				East	East	4.6			30.33					f.c.g	Ja-cu	6	
2				"	"	3.7			30,38	80	80	80		в.c. 9. 1	"	6	
4 5				4	"	3.7			30.30	80	79	80		6.c.g	Cu-N	5-4	
6				6" Sr. 6 6 x Sr.	"	3.6			30.31	80	19	80		beg de	sii-	4	
8				"	4	3.5			30.36	81	83	83		"	eu.	45	
10				Each E/r S	4	4.5. Hw	-		30.37	82	83			"	"	5	
Noon.				6 1/4 1	, .	4.5			30.36	82	83	83		"	"	6	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 /	"
	Longitude by D. R.	0 ,	ii .
Position at Noon:	Latitude by observations of ©	0 ,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by	· ,	"
Position at 8-A. M.	Longitude by	0 /	"
	(Latitude by	0 ,	II .
Position at 8 P. M.	Longitude by	0 ,	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 1	
	ompass by Azimuth O observed at , ship's head	0 1	variation used,
	ass by Azimuth ⊙ observed at , ship's head	0 1	n .
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 ,	variation used, o
Water expended du	ring the preceding 24 hours,	500	gallons.
Water receive	during the preceding 24 hours,	1 1475	"
	n hand fit for use at Noon,	2975	"
Coal consumed dur	ing the preceding 24 hours,	tons 800) lbs.
Coal remaining on	hand at Noon,	66 "142	0 "

. M.	Exs	East	46	30.32 64 84 83	b.c.g a.cu 6
2		4	4.6	30.30 82 84 83	" " 6
3	,		4.6	30,3082 83 52	1 1 6
4	EXN	<i>'</i>	4.6	30.29 82 82 82	4 6
5	Each	,	4,5	30.29 82 82 82	0" 6
6	"		3.5	30.30 82 6/ 5/	b.c. 9. 1 /2-en 4
7	Exs	"	3.5	30.3/82 80 80	l.c.6,0 " 4
8	East	"	3.5	30.32 82 80 50	" " 4
9	"	"	3.5	30. 85 - 82 80 80	" " "
10	Exs	E'x S	37	3035-81 80 80	
11	,		36	30.35-8/80 80	" 6
Mid.	S "	, ,	3.6	30.35 8/ 80 80	1 1 7

under the command of Commander & Strong U. S. Navy, Monday Dec. 278 RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am.
Clar with paring rain squally Gente to moderate bruge with frush squalls from Gast. Barometer Jalling them strady. Jul. Jordan Lieutnant. M.S.A From 400 am to 800 am
Preceived in Dept of Supplies to acto 120 its each of fish buf
+ vegetables + 96 its fresh bread. Enrign From 800 am to Meridian From 800 MM. to Meridian

Sair and warm-Moderate to stop bruge flowing in equals from East.

Bar Jalling. At 9th mustices at qualities after which exergises point watch of appendix at boats under oars. Observe writestleam Jaly 4.

(B.M. 2 C) Peterver in Defet of 5 x dects 825 gallone of Jugh rapid By order of County of fice a remark, of tim doubless was of freed for the arrival and delivery on boars of two Jalen (B.M. 2 C) By pame authority continues in double iron for two Jalyn. 9. a g. Defarborn (2.3 C) and R. B. Brinan (9.3 C) for disobedience of Jordes.

Bullyte. Gisign Meridian to 400 P.M equally Jum East. Barometer falling. Exercises afficient with Just equally Jum East. Barometer falling. Exercises afficient with Just of Just on the State of Confirment. By am forting R. C. Cano Salt J. N. (Jisho S. C.) is pushed Just confirment. By am authority confined D. Mar Donald (A.B. C.) for 12 days politing experienced on bread & water - Renne- leaving statem at fless two sorthwest bring relieved. Also from fine I of that (A.C.) for 5 days soliting confinences on bread & water - officer Gran importances to the Officer of the deck. Record on bread 825 gallo Just water. List Jordan, W.S.N Jyon 400 P.M. & 800 J.M. Clondy John Sandle Jom East. Bar Nicing. H. Saley (B.M.20) was bryught on bother by John of Barcelotte 33 hours overline-drumt, and a years of the dollars was John he was the plane under the Master at Arm charge by order of Country of Grand of Country of Countr From 800 9 M. & Midnight
Clear and warm- I dutt breeze Jim & to 6 x 5 with Just squalls. Bar, steady. By order
of Consigning free pelicare from Mark- et ann charge H. Jaley (R. M. 2.C.)
John Jordan,
MAN John Stewart 5 Navigator.

LOG of the UNITED STATES Ship Essex It anchor in harbor of Basselore. It. Witte H. I

. 3 Rate,

			Reading		WIND.				BAROMI	ETER.	TEME	PERAT	TURE.			lear bs.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.				East E 1/2 St	Eact	36			30.34	82	80	60		l.c.9	Cu-A	-4	
2				6/21		4.6			30.33	8/	19	79				4	
3					"	4.6			30.32	81	79	79		"	,	4	
4				East		4.5			30.3/	80	79	79		"	"	5	
5					E'N	3.5			30.8/	80	79	79		"	1	4	100
6						3.5			30.81	81	79	79		,	"	4	
7					,,	4.5			30,35	8/	79	79		"	cu-chi	5	
8					East	4.5			30,86	8/	82	80		,,		5	100
9				6×N	6 x N.	3.5			30.39			79		,,		5	
1000						4.6			30.40	81	83	19				5	-
10				"	"	4.6			30.39	81	83	80		"	,	5	10
Noon.				East	Earl	3.6			30.36	81	83	80		"	"	5	
Noon.				east.	war	-6			00.36	01	00	00		"	"	-	

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / //
Longitude by D. R.	0 / //
Position at Noon: Latitude by observations of ②	0 / //
Longitude by chronometer from Forenoon Observations	of 0 ' "
(Latitude by	0 1 11
Position at 8 A. M. Longitude by	0 1 "
(Latitude by	0 , "
Position at 8 P. M. Longitude by	0 1 #
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o / variation used, o /
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 / //
Deviation of the Compass by Azimuth @ observed at , ship's head	o ' variation used, o '
Water expended during the preceding 24 hours,	JJO gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	1 2425 ".
Coal consumed during the preceding 24 hours,	-tons - lbs.
Coal remaining on hand at Noon,	66 " 1420"

M. 1	6 /2	5	East	46	30.83 8.			8.c.9	fr-cu
2	"		,	45	30.31 8.	283	80	b. c. q.	30 "
3	"		"	4.5	30.3181			V. €. 19	"
4	61		Exx	45	30.3180	0 83	80	b. c. g. 7	3 "
5	6	art	East	4.5	30.328	0 50	77	b. e. 9	"
6		,	"	3.4	30,33 8	180	77	"	Cu- N
7	61	15	,	3.4	30.34 8	180	77		"
8		"		8.4	30 35 8	180	27		1
9	6.	N. E	6. N. E	4.5	30.35-8	129	77		1
10		"		4.5-	30.35 8	179	77		"
11	6	* N	"	45	30.35-8			"	"
fid.		"	EVN	3.4	30.55 80	0 79	7)	"	"

Commander & Strong under the command of , U. S. Navy, , 1897. Commences and until 400 am. Fair bruge in squall Jum the East. Mittuline Dist From 400 am 6800 am East. Baronela rising. Execution morning orders. Sibert facts re-turned. Preserved Just provision as fallows 96 the fresh thread and 120 lb. each of buf and vegetables. From 800 am to Meridian Clear and warm-Gentle to moderate breeze with Jush squalle Jum 6 x 1 to East. Baromete vieing them Jaling. At 94 multipart at quarters and afterwards expressed applications at pulling and boat Jailing. By order of County Mine Confirmed & Robertson (A.3 Cl.) Joseph in doubtle works of Jense-repeated disobolisme St. Journal of Joseph Mine order. Selection magazine Just cocke of Journal item in good sorking order. J. S. Jordan. W.S. N. Meridian to 400 PM

Fair - Moderate to Just breeze Jim the East with rain squally occasionally. East what flows. At 3th verse port chain to 45 Jimst at manger Mothylane W.S. V From 400 J.M. to 800 J.M. Clear and pleasant. Gentle to moderate bruge with still aguallo from 6x N to East decreasing in Joice latter part of whatch. Lieutenant. WSN Trong 800 9. M. to Midnight driggling - Gentle to stiff breeze Jum & N. E. lif 6 x N. in squakes Trying - Gentle to stiff breeze Jum Mittaline dientinant. W.S. N.

John liftewart

LOG of the United States Ship Essea State, At anchor in harbor of Basseline. St. Felto, H. of

			Durther		WIND.				BAROME	TER.	TEME	PERAT	TURE.			nor ps.	-
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.				East	6xA	3.4			30.34	80	79	27		E,c	fr-cu	7	
2				"	É ast	34			30.31					4.c.g	"	7	
3				"	6 act	3.4			30.00					1	Cu- Je	6	
5				"		34			30.18					1		3	
6				4	,	3.5			30.30					l.c.a, 1		3	
7 8				"	"	2.6			30.35	-88	79	18		0	" "	3	
9				6.5.6	6"5	3.5			30.35					V.C.9	4	4	1
10				6,0.0	,	3.5			30.35	82	82	79		11	11	4	
Noon.				4	East	3.5			30.35	84	63	50		"	"	4	

Course and distant	e made good since preceding noon by observations,	kn	ots.	1	enths.		
	(Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of Θ		0	,	"		
	Longitude by chronometer from Forenoon Observations of	0		,	"		
			9	, .	"		
Position at 8 A. M.	Latitude by						
100111011 11 1 1 1 1 1 1 1	(Longitude by		0_	,	"		
	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		0	7	"		
Current during the	e time. knots tenths per hour, setting to the						
			9	,			
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head						
Deviation of the C	ompass by Azimuth @ observed at , ship's head		0		variation used,		
Error of the Comp	ass by Azimuth O observed at , ship's head		0	,	"		
Deviation of the C	ompass by Azimuth O observed at , ship's head				variation used,	0	
	uring the preceding 24 hours,		52	5 g:	illons.		
Water	during the preceding 24 hours,				"		
	on hand fit for use at Noon,		190	0	"		
Coal consumed du	ring the preceding 24 hours,	// to	ns 8	-	IDS.		
Coal remaining on	hand at Noon,	66	. 6	20	"		

M. 1	656	616	3.5	30.8/8/8079	в. е. д. д Уг-си
2	Exs	6 x S	3.5	30.29 8/ 80 79	f.c. 9 "
3			35	30 27 8/ 78 78	t.c.g.p
4		,	3.4	30.28 81 80 79	l. 6. 6. 4 " 4
5	,	"	3,5	30.29 8/ 78 78	6. c. g. j.
6		"	3.5	20,29 8/ 78 77	b.c. k, ",
7		"	3.4	30.328/7977	" " "
8	East	East	2.4	30.32 8/ 79 71	" fr. en
9	6,5	6 x S	3.5	30.33 82 79 77	" "
10	6 3/4 S n		42-	30 33 82 79 77	" "
11	1 1 1 1 1	,	4.5-	30.33 82 79 77	14 1
lid.	7. "	4	4	30.33 8/ 79 77	tic "

bommander & S. Strong. Hednesday. Dec. 29 under the command of U. S. Navy, Commencer and until 400 am
Cloudy and warm. Gente breeze with moderate puffer from
Ex It and East. Ino. Hi William Briga From 400 Dm to 800 Am.

Trom 400 Dm to 800 Am.

To face with paning chowen dight to gentle breeze with moderate to fresh significant from East. Barometer rising. Recoil on transity of Dept supplies of acts to ets. Just beef to regetables and 96 ets bread. Broke out fore hold. Links, Jordan. W.S. N. From 800 am to Meridian

Clowy - squallo to St and 65 Genth to slift bruge from the East

to 6x S. J ah 9 45 mustines appendices divisions + inspected clothing.

Motherland Lientenant W.S. A Meridian to 400 g.M. According to the agnalla from Ex Sand E.S. E. Restowed following of such strang of the released g. R. G. Dearbourd R. B. Drinan and S. M. Donard application of Glass from Confinement and confined I. Royer (A. C.) For one day in soluting confinement on bread and water for disobelience of strains.

Summingues Gro. A Muligino From 400 9.M & goo 9.M

East, Rain popular Gilet hour. Lithely facty retished at 44 the three absention.

Motoline Motoline W.S. N From 800 9. M to Midnight Gentle to moderate bruge with sliff puffer from 6 x 5. Sho. It Kinden

Johnle Stewart Navigator,

LOG of the United States Ship Essex A Tuto H. Rate,

				WIND.				BAROME	TER.	TEME	ERAT	URE.			18 . 18 .	8
Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the S
			East	East	2.4								b.c.g	Ja. cu	5-	
			"	11	2.4								".	0.4	6	
-				"	2.5			30.30	81	79	77		"	"	6	
1				"	3.4			And the last of		1	1		4	"	4	
1			*	Ex"S	3.5			30.37	81	79	78		"	"	6	
-			"	"	3.5			30. 37	8/	83	80		"	"	6	
				East	3. 3-			1	0	-	80		"	"	6	
Knote		Tenths		Paint by Standard Compan. Log. Log. Jack	Paient by Standard Compass. Direction by Standard Compass. Direction by Standard Compass.	Paint by Standard Compass. Direction by Standard Compass. Sast Sast 2.44 """ 2.5 """ 2.5 """ 2.5 """ 2.5 """ 3.5 """ 3.5	Paint Direction by Standard Compass. Direction by Standard Compass. Direction by Standard Compass. East 2.4 1.25 1.2.5 1.2	Paint by Standard Compan. Direction by Standard & E E E E E E E E E E E E E E E E E E	Paint Direction by Standard Compass. Direction by Standard \$\frac{1}{2}\$ \$\frac{1}{2	Paint Direction by Standard	East East 2.4 30.83 8/7977 " "25 30.30 8/7977 " "25 30.30 8/7977 " "25 30.30 8/7977 " "25 30.30 8/7977 " "25 30.30 8/7977 " "25 30.30 8/7977 " "36 32 8/7977 " "37 30.37 8/7978 " "37 30.37 8/83 80 " "35 30.47 8/83 80 " "35 30.47 8/83 80 "	East East 2.4 30.83 8/ 79 77 6.09 for cu	East East 2.4 30.83 8/7977 "			

Course and distance	e made good since preceding noon by observation	18,	kno	ts.	tenths.		
	(Latitude by D. R.		9,	'	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of O		•	,	"		
	Longitude by chronometer from Forenoon Obse	ervations of O	0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		0	,	"		
Current during the	time, knots tenths per hour, setti	ng to the					
Error of the Comp.	ass by Azimuth O observed at , ship's h	lead	0	,			
7		p's head	0	,	variation used,	0	
	ass by Azimuth ⊙ observed at , ship's h	read		,	"		
		p's head	0	,	variation used,	0	
	aring the preceding 24 hours,			500	gallons.		
Water	during the preceding 24 hours,						
	n hand fit for use at Noon,		14	00	"		
	ing the preceding 24 hours,		ton	620	2 1bs.		
Coal remaining on			66 "		"		

P. M.	East	6 x N	95	30.81 81	88 81	4.c.g	Ja-cu
2	ExN		3.5	30.30 81	83 81	1. "	0 "
3		"	3.4	30.30 81	81 79	,	" "
1	East	"	3.4	30.30 81			ci'-cu
5		"	34	30. 30 81	79 78	1	4 3
6	EXN	,	3.4	80.3281	78 7.7	, ,	"
7	"	,	3.4	30.33 81	78 71) ("
8	6. N. C	6. N.E	2.3	30.33 80	77 77		Eu. N
9	N. Gx G	1.6 x 6	2.8	30 33 81	77 11		h" 4
10	1.6	1.6	2.3 .	30.33 81	77 71	1	Ji-en v
11	€. 1.6	6. N.E	3.5	30.33 80	77 77	7 1,	"
Mid.	East.	Earl	3,5	30,38 80	77 77	,	"

Commander & J. Strong Phursday Dec 30 under the command of , U. S. Navy, , 1897. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until + an am fair blowing in squalle.

Tair - Light to stiff Ely bueze blowing in squalle.

OP. Lactora ...

Oneign From 400 am to 800 cm

Fair-dight to stiff breeze in equalle from the East to 6.5.

Executive marning order. It I pavid - J. It Manufield and G.S. Reinbred (appendice 306) greturned on I broard 15/2 his over time and A.S. Illecture (a 80 N his over time. Received in Department of Sufficient and accounts 120 lbs. each fresh beef & regulables + 196 lbs. Blead. Mithiappens 120 lbs. each fresh beef & regulables + 196 lbs. Blead. Mithiappens dientenant. W.S. N. From 800 am. to Meridian From 8 and warm- Junt bruge with stiff aguath Jun 6 x S and 6 ast.
Of 92 mustered at quarter and then exercised as Justome: for Die Dieg stight - Founder Duranne - Infantry.
The Administrator of I diet Mr. Juffield have a visit on trans being accorded the honore due his rank bon his arrival and departure.

R. M.S. Eck came in Jun St. Made annual test of companies. Go. W. Wile gois Ensign Meridian to 400 9.M Sure from 6 N. By order of Coming Micer released from confinishent and restored to duly Robert Ist app 30 and by same authority confined Krappatich, N. H. (2.3.9) for fine days on bread and water offend. "Multimore Conduct." Sent lefting farly of apprintices ashore. Then light parts of fore of aft. sailed M. Teeton Ensign From 4 0 9.M & 800 9.M Cloudy. Genete breeze with moderate Juffe Jum 6 x N. Metians Seo. H. Metians From 800 P.M to Midnight to moderals bruge in equally Jum. It + 64 Buroshelt strady. John Diwast W.S. John for Thwast W.S. W. John V Jewart Lunt . Navigator.

LOG of the United States Ship Esses It Tits H. P. Rate,

					WIND.				BAROME	ETER.	TEME	PERAT	URE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the
A. M.				Earl	East	3.4			30.32					l.c.g.	ou-fi	6	
2				,	4	3.4			30.32					"	"	6	
3				6.4.6%.E	Ex.N	3.4			30.30					"	,	6	
4				6. N. E /2 E	"	3.4			30.29		-	75		"	"	6	
5				Eart	"	3.4			30.30			75		"	"	14	
6				"		34			30.80					"	4	4	
7				4	"	3.4			30.81					4	"	4	
8				"	,	3.4			30.35					"	0"	1	1
9				E'S	E'x S	3.4			30.34					"	Je-Cu	2	B
10						3.4			30.3/					"	"	5	4
11 Noon.				6.56	6 5.6	34			30.80					"	"	7	

Course and distance	ee made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 ,	"
	Longitude by D. R.		
Position at Noon:	Latitude by observations of ②	0 '	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by	0 ,	"
Position at 8 A. M.	Longitude by	0 ,	"
	(Latitude by	0 ,	"
Position at 8 P. M.	Longitude by	0 1	"
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 ,	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 1	variation used, ' o '
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1	"
Deviation of the C	ompass by Azimuth @ observed at , ship's head	0 ,	variation used, o
Water expended du	aring the preceding 24 hours,	600	gallons.
Water receiv	during the preceding 24 hours,	1650	
	n hand fit for use at Noon,	2450	"
Coal consumed dur	ring the preceding 24 hours,	- tons -	lbs.
Coal remaining on	hand at Noon,	66	- "

P. M.	E.N	6x N 44	30.27 8/ 83 80	6. c. g fran Z
2		. 3.4	30.13 8/84.81	1 7
3		3.4	30.128/8279	· f.c , 7
4		3.4	3023 8/8/79	" 6
5	"	3.4	30,25-8/80 79	" "
6	East	23	30.25-81 80 79	" 4
7		2.3	30.25-81 80 79	nu " 6
8	"	2.4	30,25 8/78 77	G. C. q. f Cu. Nim 3
9	€ 1. €	3.4	30.36 8/77 77	11/ 9 3
10		" 34	30.37 80 77 77	111 11 3
11	East	2,3	30.37 80 78 78	4.c.g . 3
Mid.	,	2.3	30,37 80 77 77	b.c.g. 1 " 3

Commander E. S. Strong U. S. Navy, under the command of RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 4 as am
Clear and cool- Junt to moderate breeze blowing in equally Jun
East to 6 x N. Barometer Jacking.

Energy Commencer and until 4 00 am From 400 am to 800 am rising Received on board in Dept. of Supplies & accounts 120 lbs. Lieulinant. W.S.A. From 800 am, to Meridian Clear- Genete to moderate breeze Jung 6 c. N. to E. S. 6. At 9 0 mustral of gnarters. Each to 32 32 4 4 5 cultus crews under sails. Reliver June mater boats 825 gavore Just water. By order of Comognitive places in double trover for three days, Rearborn S. S. G. 330 Mine - Disrespectful to an officer. From J. C. 2. 20 or Him. J. O. (4.30) of them. Char and warm-Junt to moduate bruge blowing in equally from 6x1. Barymeter falling. Bent to peakle and courses and crowder and crowder and crowder and crowder on bland 1650 gallom trak water. By order of Condy of from released C. G. Robbinson, (A.B.C) in printing Queign From 400 9 M & 800 9 M Fair-hight to modirate bruge from 6 x N. passing sam aqualle last how. From 800 9.M. 6 Midnight breeze fram Gentle to moderate breeze from 6x St. J. Baromelet strady. Helle. Examined and found to be correct. John Stewart ... Navigator. Opproved & T. Stearing Condulted Condy

LOG of the UNITED STATES A Basselire St. Hulto M. I and marking passage to Saula Cu A. M. \$6.6 S. C. C. 30.25-8/76 78 3.4 30,23 80 78 77 30,21 80 77 77 30,21 80 77 77 30,21 80 77 77 30,23 80 77 77 30,23 80 77 78 3.4 6 x N . S. 6 x 6 East S. G x G 35 3.4 2 1.2 2,3 2.3 30, 24 80 81 80 30.28 80 83 81 6x5 3 3 30.29 80 83 81 Earl 8 y S M 30.27 80 83 82 30.25-80 82 8/ 3.4 21 x S Course and distance made good since preceding noon by observations, S. 1/2 J knots. 3 tenths. Longitude by D. R. Latitude by observations Longitude by chron Longitude by Position at 8 P. M. { Latitude by DR and bearings Longitude by obs O and hearfrige knots - tenths per hour, setting to the Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth. ⊙ observed at Water expended during the preceding 24 hours, during the preceding 24 hours, tons . 800 lbs. Coal consumed during the preceding 24 hours, 65. " 1440 " Coal remaining on hand at Noon, 6. P. E x E Hx N 30.2182 83 82 81 7.6 30.2082 828/8/ 12.2 4-8 30.19 82 83 82 81 17.0 1 22.1 30.19 82 83 82 81 6. 1. E 1. E x 6 30.20 82 83 82 81 24.2 2 28.4 30.208/ 81 80 81 30.2282 80 80 81 4 32.8 2 37.0

30.25-82 80 80 81

30.25-82 50 80 81 f.c. f 30.25-62 80 80 81 30.25-8280 80 81 30.25-81 80 80 81

9 3 9 40.9 10 4 3 45.2 11 4 4 49.6 Mid. 4 5 54./

Commander & J. Strong. Salinday, January 12 , U. S. Navv. , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and unite 400 am pared over Geneta to moderale bruge with slift squall about 24 from SE & to & Barometer Jacking. Lientinant. U.S. N. From 400 am to 800 am Junte bruge Jum 5.6 x 6. O.P. Freken From 800 am to Meridian Show 8 will the Meridian Cloudy and marm. Squalt briege from East sain agreal third hour. Barownelly falling. At 9th hove in to 300 factoring. At 9th mineters at quarters. At 10 2 called all hands feel anchor. At 1020 bet lopeails and pit, east to startoard and slow out of Baseletre on port tack. At 1020 pet courses topgallant sails royale and fore topmart staysail. At 1020 pet over father top and pet course St. Dealth of ship forward 13'-2" of the st. Deg order of Commending the changes church as Johnson at 10020 to 11.5 th - At 1120 to 11.5 th At 1120 to 11.5 th of 11.5 th - At 1120 to 11.5 th of Meridian to Ho J. M.
Clear and warm. Tenth to moderate being from EAT to JEx & Barometer Tailing when pleasey. Thering a course of x J. under same sail as preceding watch. I she satisficate of maintail flying it am spanked Discharge from this paint and from the Farace Natrice, I girl Historiable Discharge from the savae Natrice, I first Historiable Discharge for pleasen of earliestern of little of entirement, J. J. Raily (J. J. Cl.). By order of Confinement. Mell rame authorities confined of November of South and J. Royan (J. J. C.) for J days, solitary son furnment, by break and walked. Hence I free of the Peck. Meridian L- HOO J. M. Lieutenant. U.S. A Jum 400 J.M. 1- 800 J.M. Clear and Flexant - Moderate breeze Jum E. S. & 1. 6 x 6. Between 42 + 52 fat. log rolated Joules. My " Sort in Spanker, Jlying jit + J. G. starpaile accenterant. U.S. A From 800 J.M. to Midnight Fair and pleasant Moderate Freez Jum 6 x 5 and 6 16. Light cheri hlis of jain frist and last mous. Of 9 to took in Indamesil. At 11th set startment clear of main-sail. We find under get and oppose pail except from clear of mansail. Steering It x It Morphing and round to be correct. John & Thurst int & Navigation.

LOG of the UNITED STATES

Making passage from Basseltru M. Titto. N. I to Santa Cruz. H. D.

Banding Passage from Basseltru M. Titto. N. I to Santa Cruz. H. D.

Banding Passage Courses STERRED by Standard Compan.

Direction by Standard Compan.

Dir

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.	4	7	58.8	2x N	€.1.6	4			30.27					f.c	gr-cu	7	S
2	4	7	63.5	"	1816	4			30.20	- 1		1000		"	"	5	"
3	4	8	73.2	"	1.616	4			30.19			No.		4	"	6	4
5	4	8	78.0	"	"	4			30.18					,,	"	6	"
6	4	4	82. K		6. 7.6	3.4			30.21					"	"	4	
8/2	3	5	90.0		0 4	3.4			30.25	80	81	80	80	"	0"	5.	- "
9	03	2 -	98.5	35 1/2 Sr	1.6	3.4			30.27					4	Ja- cu	5	-
10/52	72	3	2.6	" X X	7 "10	3.4			30 28	8/	84	83	8/	"	"	6	7
Noon.	1	8	60	n. v. m.	6.1.6.	3.4			30.25	88	84	83	81	"		1	4
		-		-													

Course and distance made good since preceding noon by observations, $\mathcal{W} \times \mathcal{N}$ 106 knots. tenths. Latitude by D. R. _ 0 , " Position at Noon: Longitude by D. R. V bearings 640401 " W 17 0 32 " N Latitude by observations of O Longitude by chronometer from Forenoon Observations of ② - 0 - ' Position at 8 A. M. Latitude by D.R. and brange 17034. " W 640231 Longitude by " Position at 8 P. M. Latitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head JJ 7 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 1350 Water remaining on hand fit for use at Noon, 3 tons 560 lbs. Coal consumed during the preceding 24 hours, 62 " 880 " Coal remaining on hand at Noon,

M.	1	8	8.8	N. N. W	6.16	3	30, w 62 86 1481 Gc Qu.cu 7
2	6	5	15.3			3	30.28 83 92 90 82
3	5	6	16.4	N."H	,	3	30.21 88 90 89 81
4	(0,	5	24.8	NXXX	East	3	30.2/82 65 04 5/
5	1/2	1	26.6	various	",	2	30.22 62 63 62 "
6				SE	, ,	I	80,24 52 52 81
7				E.A.E	6.16	I	30.25-847979 " " 7
8				D.E.	7	12	80. 45 82 78 78 " " " " " " " " " " " " " " " " "
9				South	East	1	10.27 88 78 78
10		2		A.E		1	30.25 62 78 78 " "
11				East	"	1	80.27 82 78 78 " " "
did.				6. N.E	"	1	10.28 82 78 78

under the command of Commander & Strong Sunday January 200 , U. S. Navy, , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am Char Moderate bruge Jim 6.16. A sort Savinder Jacuing Steering course Hx N. under pt and all square sail except port club of malingel Seeking Energy From 400 am to 800 gm.

Loudy and warm- Junt to moderate breeze Jum S. Ex E to 6.15. Barometer regarings of 622 sighter the Mexicon and Affect island of Santa Cury braining there points on starboard bow. At Jo to plant Jahrel magnification of points on starboard form. but out steaming evvers and vaised knoke stack. At 800 starter free bunder boilers of Band D. Clear and warm-Gents to moderate freeze from S. E. E. S. Sarometic riving the falling, String course Mr. N. until 8° when by grade of Combly officer changed course to Mr. It. By cases aucholy changed course at 10° to 10° N° N° N° Change of sail. The salament of Sauff Creeg in gight along selfed book of beam all the watch At 9° mustice and industrated at guardite affirmand fread Articles for the better Jovenment of the tary and E.C. M. orders and kell General Muslet on quarter deck. N. E. Kuhn (ville) reforter his lime. If enlistment as having expired. From 800 am to Meridian Lieutinant. U.S. N. Meridian to 400 P.M Char and very hot. Sente breeze Jum & & to the East, Qt 12 12 rounded to and coupled up. At 12 15 began attaining (W 1 2 called all hands and furted pail, item made preparations for frost. Standing Jude Tricker Changing course as Jollows. QV 2 13 to V. H. J. L. 104 1 QV 3 05 to V. H. J. L. 22 to V. H. J. L. 104 1 QV 3 05 to V. H. J. L. 22 to V. H. J. L. 104 1 QV 3 05 to V. H. J. L. 22 to V. H. J. L. 24 (QV 3 12 to V X H. J. L. 25 and at 3 2 to South J. L. 26. W. revolutions 40 av. stram 45. lbs. Lieutistant, W.S. A. From How 9. M. 6-800 P.M. Jesi and warm-bight to gent thereso from between East and 6.6. At beginning standing in face an anchouse on Prescholated Pract of . Crosa Communicing Pfree legending of bet a came to with port anchor in 8/2 factories and view to so factories oritaide the Labree Bearing of fanchorage proper Will Mill I 1/26 (may) Church afric midway between Plaget of the Latin Free Desight of contract of 13 - 2"- all 16-4". Received practified Preceived a breat from a military Pfree of the garrison Sent and officer on choic to call on the W. Consell. Allowed Grey to the out in Holles N & D. and started distilled at 4" By Commanding Preceived Colored Command of A Gorin. Mat D.C. from confinement, Numas Reelly goldeste that deep ay Esseeman 2" Ch. Gorgen wire for the years. N. E. Nuhn (vile) was the day given an Nonverste Discharge by reason of expectation of his entiretiment reason of expendion of his enlistment. I so. Whose area busign Tryn 800 9. M. to Midright. Light Ely air. Distilling. Examing and found to by corroce. John W The Shirt - Navigator.

LOG of the UNITED STATES Ship Essess
It anchor in harbor of St. Croise, D. H. el.

35 Rate,

			Reading		WIND.				BAROMI				URE.			Par.	lea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Ch Sky, in 10th	State of the S
A. M.				1. 1.6							2				0	~	
1				N.N.G	East	2			30.25					b.c.w	fr. cu	1/	
2				N.C		2			30.2×	79	76	77			0	17	
3				JEXN JEXE		12			30.24	79	76	77				6	
4				NEXE	"	2			30.23	78	76	27			0.	6	P
5				7.	"	1			30.22	78	76	77		,	Ja: cu	4	
6				6.1.6	"	0.1			30.24						P	3	
7				G. 07.0	calm	0			30.27					l.c	li-cu	4	
8				Ext	East	1			30,29	79	80	29		"	0 "	5	
9				6. x d.		1.2			30.31	81	84	83				4	
10				0,10	"	1.2			30.33	81	84	83				7	
11			7.72	16	"	2			30.3/	82	84	83		€.c. %		17	
			3	6.5	"	1			3019						1000	17	1
00n.				GXO	"	1			1	01	7			"	"	1	

Course and distant	te made good since preceding noon by observations, $ $	
	Latitude by D. R.	0 1 11
	Longitude by D. R.	0 / 1/
Position at Noon:	Latitude by observations of ②	0 / 1/
	Longitude by chronometer from Forenoon Observations of O	o , "
	(Latitude by	0 1 11
Position at 8 A. M.	Longitude by	0 1 "
	(Latitude by	0 / "
Position at 8 P. M.	Latitude by Longitude by	.0 / "
Current during the	time, knots tenths per hour, setting to the	
Error of the Comp	ass by Azimuth O observed at , ship's head	• /
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Water expended du	aring the preceding 24 hours,	JJO gallons.
Water Listi	llw during the preceding 24 hours,	1000 "
Water remaining o	n hand fit for use at Noon,	1800 "
Coal consumed dur	ing the preceding 24 hours,	/ tons /600 lbs.
Coal remaining on	hand at Noon	60 " 1520 "

. M.	0 2/ / /		,		0,	0
1	5. 8 1/2 8	variable	/	30.2480 8/8/	F. C. 7	Grow .
2	N.S.M	N. N. W	/	30,23 8/8/8/	,"	0 ,,
3	SNXN	variable	/	30.21 8/ 8/ 8/	F.C	"
4	N. y S	"	/	30.2/8/82 82		" 1
5	N.E	Vr.6	1.2	302/8/8/8/	4	en /
6	"		1.2	30,22,50 50 50	1,	nim -
7			12	30245/ 7777	4,	" 3
8	"	,	12	30.25-8/77 77	1 , ",	"
9	1.6x6	,	1.2	30.26 8/ 77 77	be to	, 3
10			1.2	30.27807171	6.6	, 3
11	,	,	12	30 27 79 76 96	.,	1, 1
Mid.	6.4.8	,	1	30,21 79 76 76		"

Commander & P. Strong Monday January 20 , U. S. Navy, , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and write 400 am
Commences and pleasant. Bright mornlight first three hours of watch.

Light Gueze John East, Bahometer Jacking . Distilling.

Ensig From How am to 800 am light air Jum East, Barometer rising sixueing Lientinant. W.J. N. From 800 am to Meridian Generally clear- Passing showers last past. Sight briege from the Cast. At 950 militare at quarters and then exterior to as Sunder sail.

W. S. Consular Agent made an official visit to the ship and upon his departure was saluted with J guns. The Combing Official visit to the military commandant. I askended 5-6 par salutary charge. Large. By order of Conda, officer tellared from confinement of N. H. Gondon (9.3C). U. O. Vinfer (9.3C) and G. A. G. Dearton (9.3C) term of ever finement having experient. Visitelling Motpulme Meridian to 400 9 M Query Sint half. Light airs Brown Cong Office the Saturning change the property of the State of the State of the Milliam Design of the State of dientenant, W.S.A O.P. tacker From 800 9. M & Midnight passing rain first hour dight air Rom V. 6. Darometh standy. Destitling. Similarly Surgin John Thewart Lieut or Navigator.

LOG of the UNITED STATES Ship Essea 30 Rate,

			Reading		WIND.		V		BAROMETER		PERA	TURE.			lear bs.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. The	Air, Dry Bulb,	Air, Wet Bailb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl Sky, in 10t	State of the
A. M.				_	1.0	1							1	0		
1				East	Jr.G	1			30,27 80	76	76		Te.c.	gr-cu	4	
2				NXE.	,,	11			30,26 81				4	0 4	4	
3				. N. Sr. E	,	1			30,25-82				"		0-	
4				"	4	11,			30.23 8	1 -			1"		4	18
5				,	4	1/			30.23 8/				8. c. f	"	4	
6				"		1/			30, 24 8,	176	76		七二	4	3	
7					4	19			30. 27 8	179	78		0"		4	
8				4.6 x 6		3			30. 28 8/		78		6,c. 7		4	
9			2000	. "		3			30.318	8/	80		E.cl	"	4	1
10				Ex.A	6.A.E	3			30,328	181	8/		b.c. 7	Cu- 1	2	
11				Sr. E.	,	1.2	100		3032 80				"	1	Z	
Noon.				G. N.E.	4	2			30,29 81	79	78		b.c	"	3	

Course and distance	e made good since preceding noon by observations,	1	enots.	tenths.
	Latitude by D. R.		0 ,	"
	Longitude by D. R.		0 ,	"
Position at Noon:	Latitude by observations of ②		0 ,	"
	Longitude by chronometer from Forenoon Observations of ②		0 ,	"
	(Latitude by		0 ,	n
Position at 8 A. M.	Longitude by	•	0 ,	"
	(Latitude by	*	0 1	II .
Position at 8 P. M.	Longitude by		0 ,	"
Current during the	time, knots tenths per hour, setting to the			
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head		0 ,	
Deviation of the Co	ompass by Azimuth O observed at , ship's head		0 '	variation used, ° '
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head		0 ,	"
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head		0 ,	variation used, o
Water expended du	ring the preceding 24 hours,		500	gallons.
Water dist	during the preceding 24 hours,		1300	"
	hand fit for use at Noon,	1	1600	44
Coal consumed dur	ing the preceding 24 hours,	1 1	ons 64	0 lbs.
Coal remaining on	hand at Noon,	59	" 88	0 "

P. M.					0	Carrer -
1	.615	6. N.E	2	30.24828180	4.c	Ju-cu-5
2	6.5.6	€. J. E	3	30.22 63 85 84	"	" 2
3	4		2.3	30.12 83 85 84		, 5
4		,	2	302288 85 84	1	. 5
5	"	N. N. E	2	30.21828282	"	" 5
6	S.E		11	30.23 8/8/8/		" 4
7	East	"	1	30,25-8/8/8/		4
8	6.N.E	East	1	30.26 8/ 79 78	,	" 17
9	ExN		1	30.25-82 79 78		. 6
10	4.8	"	1	30.25-82 79 78		" 5
11		1.6	12	30.2582 78 27	"	. 6
Mid.			12	30,25 82 78 77		. 6

Commander E. S. Strong Inesday, January 4th , U. S. Navy, , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until Hao am from Jr. E. Barometer Juling. Distilling. Dendan, W.S. J. From 400 am to 800 am. Cloudy. Light wis to gentle bruge Jum 1.5 Executed morning orders. Received in Dept. If 5 of a. Moth each help and vegetables + 96 lh. brear. Distilling 110 Haline From 800 am to Meridian. cloudy and warm Light to gentle bruges from N.E and 6 A.E. Janing showers. Alf go musting at gentle bruges from N.E and 6 A.E. Janing whomers. Alf go hover sail. At 10 - Jures sail. Tester magazine flow cocks. B Calney (F2.Cl) reporter the experiation of his epillotiment and was given and Nonovable Diecharge. Distilling Sto. Whize ares

Meridian to 40 9.7 m. hight to gentle bueze from 6.4.6 m 6.1.6 Eaurieur 1st 2 - 3 m + 4 to Cutter forum Junder sable. I Bez order of Comon Pleice released from configurent and restore to delity fresh attel 11. 3 C and by James substances places total. 1. 5 G. 8 of solity on finement on before and water - Plane - Imperiorne to the officer of the Deck.

Distilling Bezondon of Condoy Ricci the Joseowing change in haling was made. 1. to the thing

OF taden pusign From 400 9. M. 1- 800 9. M. Light V. Ely aus Barometa rising. Distilling

From 800 J.M. to Midnight.

Vear gud pleasant - doch airs to light breeze from N. 6. Barometer rising then pleasant allowed fires be die fout.

Jeffordam, 21

Discolan, U.S.Y.

John V Thew art Lint - Navigator.

LOG of the UNITED STATES Shipe Essea A Rate,

-					WIND.			0.	BAROME	mnn	TEM				-	
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.				State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				N.E	East	1			30.22				l.c.	In cu	4	
2				"	"	1.2			30,22				*	"	4	
4 5				N. N.E	N.E	2			30.19			77	"	"	45	
6				6.4.6	6. S.E	2			30.19			77	"	,	45	-
8				6 x . Nr. 6 . St. 6	1. 11	2			30.24				"	1	5	-
10				East	4	2			30.25				4	,	6	
11 Noon				N.ExA.	"	2.3			30.25				f.c. 1	"	5	-
Noon.				N.GXV.	"	2.3			00, 20	01	0/	0/	4. c. 7	"	16	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 1	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ①	0 ,	и-
	Longitude by chronometer from Forenoon Observations of ②	. ,	"
	(Latitude by	0 1	"
Position at 8 A. M.	Longitude by	0 1	"
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 1	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 1	variation used, o
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 ,	"
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	. 0 ,	variation used, °
Water expended du	ring the preceding 24 hours,	500	gallons.
Water distil	during the preceding 24 hours,	600	"
Water remaining or	n hand fit for use at Noon,	2700	"
Coal consumed dur	ing the preceding 24 hours,	27 00 tons 8	OU lbs.
Coal remaining on	hand at Noon,	59 " 8	0 "
		1	

P. M.	N. Ex E	NE	2.4	30.2/ 82 78 79	b.c.g.r.cu. v 2
2			1	30.19 80 78 79	lie , 4
3	"	"	2	30.18 61 79 80	6.c.1 " 4
4	EX	"	2.	30.17 81 80 80	" +
5	',	6. Jr. E	2.	30. 18 81 80 80	0" " 4
6	Earl	,	1.2	30:19 8/ 80 80	t.c " 4
7	".	"	// .	30.20 80 78 78	" 0"
8	E.N.E	"	/	30.21 80 78 78	" Ja. cu 5
9	N.E	" _	1	30,23 81 77 77	111 11 1
10	4	N.E	1.2	30.24 81 77 77	6.6 " T
11	1	"	2	30,2280 77 77	1.6 " 4
Mid.	4	"	24	30.22 80 77 77	" " 4

Commander & Strong , U. S. Navy, , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am. Cloudy- Light airs and bugges from the East to N.G. Motherline Sientenant. U.S. N. From 400 am to 800 am
Defartment of Saw a Great provident as Julianes & how ourtime.

Blef 120 lbs. vegetables 120 lb. J. Griffin, C. 9) returnes / how ourtime. Gro. M. Maining. bruge. At go multiw last four Light to gente 6 1.6 by bruge. A whale boat at flux lactics under vars after which exercise same boats under sail From 800 am to Meridian Meridian to 400 9.M. Baroning chowers of rain. Light breeze from 4.C. Baromeled falling. Paymaster server our clothing and small stories.

Dilling. Oneign From 400 P.M. 6 800 P.M. Sarometer Sugar S From 800 9. M to Midnight second hom. Light airs to module beeze Jam 6. 1.6 f to 1.6.

Mittaliae

Lintenant, W.S. M. John Junash Lint + Navigator.

LOG of the United States Ship Essex 30 Rate, At anchor in harbor of St. Civia, D. H. Q.

					WIND.		U		BAROME	TER.	TEMP	ERAT	URE.			ear be.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th
A. M.				15	N.6	2			30, 23	80	77	77		b.c	Cu- N	3
1				7.0		2			3021					,		3
2	100		N.	1.6 x 6.	"	2			30 20	80	77	77		,,	0'	4
1				NE	"	2			30.19	80	76	76			Qu'a	6
5				"	6.1.6	1			30 19						1	5
6					,	1			30 17	79	77	76		.,		5-
7				N.6 x 6	,	1			30.20	79	78	77		"		5
8					"	2			30.25	81	81	79		,	"	6
9				N.E E.N.E	"	2			30.26	83	84	83			4	6
10				6.N.E	,,	2			30.27							6
11					,,	2			30.26					"	"	6
200				6. x N.	East	2			30.24	83	84	83			"	6
oon.						1033			The state of							

Course and distance	e made good since preceding noon by observations,	knots. tenths.	
	(Latitude by D. R.	. , , ,	
	Longitude by D. R.	0 "	
Position at Noon:	Latitude by observations of O	0 "	
	Longitude by chronometer from Forenoon Observations of ©	0 / //	
	(Latitude by	0 / "	
Position at 8 A. M.	Longitude by	0 / "	
Position at 8 P. M.	(Latitude by	0 / //	
Position at 8 P. M.	Longitude by	0 / "	
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth O observed at , ship's head	0 ,	
	ompass by Azimuth ⊙ observed at , ship's head	o variation used,	
Error of the Compa	ass by Azimuth O observed at , ship's head	0 1 11	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o " variation used, o	
	ring the preceding 24 hours,	500 gallons.	
Water	during the preceding 24 hours,		
Water remaining or	n hand fit for use at Noon,	2200 "	
Coal consumed dur	ing the preceding 24 hours,	tons - lbs.	
Coal remaining on	hand at Noon,	. 59 " 80 "	

P. M.	ExN	6. 1.6	2	30.22 82 84	83	f.c.	Qu.cu
2	1.6	Each	2,3	30.18 82 85		"	1 .,
3	26.6		3	30.17 83 85	84	44	" "
4	,	"	3	30. 1882 83	83	bigd	" 4
5	6.x5	"	2	30.19 82 82		b.c	" 4
6	S.E	,	1	30.21 82 81	81	,,	"
7	East	"	1.2	30.2182 79	79	"	" 1
8	East	1	1	30.24 82 79	79.	"	" "
9	ENN	"	1	30.26 82 79	79	,	11 0
10	"	"	2	30.26 82 78	79		"
11	6. N.E	6.1.6	2	30.25-8/ 78	79	"	" "
Mid.		"	2	30.25 8/78		"	"

Commander & I Strong , U. S. Navy, Thursday Jany 6 & , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am Jun N.C. Grath treesing From 400 am. 6 800 am

Fair Light ain to light breeze Jun 6 N. E. Pecciow in Next of
Supplies and accounts 120 lbs each of Jush but and vegetable and
The less frush bread. OP Lacken From 800 am to Meridian Ole ar and warm Light bruge Jum 6 N. 6 to Gast. Barometer Jalling. Of 92 muretin at quarters afflict which exercised crews of whale that 200 3 x + 4 coultre at boats under pail. Exercised Powder division at sub caliber Justice with port one founder. Expenders in Ordname Department 80 rounds of 4 caliber amminition. At 11 Junes pail Meridian to 400 9.m Clear and pleasant-light passing showers arrend horizon. Eight to gents breeze there of the blot of Rashmets falling then rising Engage lat syst realists larget practice with 19dbs Edpended in Ordnany Mark too tall cartingges eat 45. By order of Comon There released from continuents of Janes and the State (Also 3.0) askinetim of continuents By same dutholity continue C. S. Dendrich (A.c.) and I. A. took (A.3.0) Con 3 days solitary continuent on tread and water the former, for using multinour languages; the latter, for impudence to office of the deck Mordan, divisionant. U.S. t From 400 9. M to 800 9. M. Suger from the East. at 40 rent swining party in to black wire and bruger from the East. at 40 rent swining Mottaline Dist. U.S.N. From 800 9 M. to Midnight Light air and bruger Jum East and 6. N. E. Sto Miller Surger John Stewart Sient , Navigator.

LOG of the United States Ship Escia Droia D. H. Q. Rate,

			NAME OF		WIND.				BAROMETER	TEM	PERA	TURE.			74	1
Hour.	Knots,	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the S.
A. M. 1 2 3 4 5 6 7 8 9 10 11 Noon.				N. E x G N. E x G E. N. E "" E x A E X A	E.V. E	111112222			30,22 6, 50,24 8, 50,24 8, 50,24 8, 50,24 8, 50,24 8, 50,24 8, 50,24 8, 50,26 8, 50,26 8, 50,26 8, 50,27 8, 50,	2 77 77 77 77 78 78 78 78 78 89 2 89 2 89	77 77 77 77 78 79 82 83		fe	Ja-cu " " " " " "	46455567764	

Latitude by D. R. Longitude by D. R. Longitude by D. R. Longitude by D. R. Longitude by chronometer from Forenoon Observations of O Longitude by Congitude by Longitude by Congitude by Congi	Course and distance made good since preceding noon by observations,	knots. tenths.
Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Coal Consumed during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Latitude by C Longitude by Longit	(Latitude by D. R.	0 / "
Latitude by observations of O Longitude by chronometer from Forenoon Observations of O I Latitude by Longitude by Carried during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth O observed at ship's head Deviation of the Compass by Azimuth O observed at ship's head Error of the Compass by Azimuth O observed at ship's head Carried during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth O observed at ship's head Carried the Compass by Azimuth O observed at ship's head Water expended during the preceding 24 hours, Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, To be the compass by Azimuth O observed at ship's head Coal consumed during the preceding 24 hours, To be the compass by Azimuth O observed at ship's head Coal consumed during the preceding 24 hours, To be the compass by Azimuth O observed at ship's head Coal consumed during the preceding 24 hours,	Longitude by D. R.	0 / "
Congrued by chronometer from Forencon Observations of S C	Position at Noon: Latitude by observations of ©	0 1 11
Position at 8 A.M. Longitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head Current during the Compass by Azimuth © observed at ship's head Current during the Compass by Azimuth © observed at ship's head Current during the preceding 24 hours, Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,	Longitude by chronometer from Forenoon Observations of O	0 1 11
Congitude by Current during the time, knots tenths per hour, setting to the	(Latitude by	0 . 1 11
Position at 8 P. M. Longitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head variation used, Deviation of the Compass by Azimuth © observed at ship's head variation of the Compass by Azimuth © observed at ship's head variation used, Error of the Compass by Azimuth © observed at ship's head variation used, Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons 800 lbs.	Position at 8 A. M. { Longitude by	0 / "
(Longitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head O variation used, Error of the Compass by Azimuth © observed at ship's head O variation used,	(Latitude by	0 1 "
Error of the Compass by Azimuth © observed at ship's head ° variation used. Deviation of the Compass by Azimuth © observed at ship's head ° variation used. Error of the Compass by Azimuth © observed at ship's head ° variation used. Deviation of the Compass by Azimuth © observed at ship's head ° variation used. Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,	Position at 8 P. M. Longitude by	0 1 #
Deviation of the Compass by Azimuth © observed at ship's head variation used. Deviation of the Compass by Azimuth © observed at ship's head variation used. Deviation of the Compass by Azimuth © observed at ship's head variation used. Deviation of the Compass by Azimuth © observed at ship's head variation used. Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon. Coal consumed during the preceding 24 hours, Tons 800 lbs.	Current during the time, knots tenths per hour, setting to the	
Deviation of the Compass by Azimuth © observed at ship's head "variation used." Error of the Compass by Azimuth © observed at ship's head "variation used." Water expended during the preceding 24 hours, "variation used." Water expended during the preceding 24 hours, "variation used." Water remaining on hand fit for use at Noon, "Voto" tons 800 lbs.	Error of the Compass by Azimuth O observed at , ship's head	0 /
Deviation of the Compass by Azimuth © observed at ship's head variation used. Deviation of the Compass by Azimuth © observed at ship's head variation used. Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons 800 lbs.	Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o '
Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons 800 lbs.	Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 #
Water during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons 800 lbs.	Deviation of the Compass by Azimuth ⊙ observed at , ship's head	variation used,
Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, (coal consumed during the preceding 24 hours, (coal consumed during the preceding 24 hours,	Water expended during the preceding 24 hours,	600 gallons.
Coal consumed during the preceding 24 hours, tons 800 lbs.	Water during the preceding 24 hours,	
ck icia	Water remaining on hand fit for use at Noon,	1600 "
ck icia	Coal consumed during the preceding 24 hours,	tons 800 lbs.
Coal remaining on hand at Noon,	Coal remaining on hand at Noon,	58 " 1520 "

P. M.	NE	East	2	the same of the sa	b.c Juan4
2	- "	,	. /	30.23 82 82 82	" 4
3	6 N. 6		1	30.23 82 82 82	" 4
4	",		1	30. 23 82 82 82	" " 4
	East	6. N.E	1	30.24 8/ 8/ 8/	. 0. 6
6	6.1.8		1	30.25-8/80 80	" freu 5
7		,	/	30.27 82 78 78	, 5
8			1	30.29 82 78 78	" 5
9	"		1	30.29 82 78 78	" 6
10	",	,	1	30.29 8/78 78	14 " 6
11	"		2	30.29 8/ 28 78 t	en min 4
Mid.	NEXE	"	2	30.288/77 77	fc " 4

Commander & Strong under the command of , U. S. Navy, , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commencer and until + on am Light & N. Ely airs of tackers. From 400 am to 800 am Peccines Just provisione as Jollows 106/4 lb. of Just but and 120 lbs vegetables and 96 lbs butar. From 8 = 0M & Meridian
Clear and warm- Light breeze Jun 6. N. G. Baromela Jalling shorty,
At 4 32 mighter at grantes, and afterwards excessed apprentites at general Quarters, after 10 32 AM. lengages in sut called larger fraction with 1 Pds. Rove II space to peoil braces. Expended in Argumente Deft 1000 ball cartridges call its Jefordan. W.S.N Meridian to 400 PM Cloudy - Light aire and bruger Jum the East. Principed out-calibre practice. Carpelad in Ordingues Dest. 220 Ball Cartrages 40 cal. Junt 200 carried party ashore to be correlated. Sent surming party ashore ductor chip to port to paint oftil boot topping. Motherland U.S. V. From 400 9.M to goo 9. Mon ENE. Grown Thise are From 800 9M. & Midnight. Passing shower of how Light airs to light Thuze from 6 N. 6. of faction

John Stewart Links & Navigator.

LOG of the UNITED STATES Ship Essex.

Of anchor in harbor of pt. Orvia. D. H. d.

3 Rate,

					, WIND.				BAROME	TER.	TEMI	PERA	TURE.			18 18
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl. Sky, in 10th
A. M.				N.E East	East	1			50.28					b.c.p	Jo-en	4
2 3					East "	1			30.28	80	77	77		"	"	4
4 5				6. N.E	246	1			30.26	80	177	7	7	l'a	Ja "cu	5
6 7				N."6	6 Jr. 6	2 3			30.28	80	78	79		4.9.6		4
8 9				N.Ex.A	,	2.3			30.3/	.81	82	82		v.c. 5	"	44
10				N.G.X.M	N. 6	2.3			30.32	81	54	84	4	€.C	"	754
Noon.				4	07. 0.				00.30	02	04	00		"	"	

Course and distance	e made good since preceding noon by observations,		knots.		tenths.		
	(Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of ①		0 -	,	"		
	Longitude by chronometer from Forenoon Observations of ©		0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		0	1	"		
Current during the	time, knots tenths per hour, setting to the						
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head		0				
Deviation of the C	ompass by Azimuth O observed at , ship's head		0	,	variation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head		0	,	"		
Deviation of the C	ompass by Azimuth O observed at , ship's head		0		variation used,	0	
Water expended du	aring the preceding 24 hours,		50	0	gallons.		
Water	during the preceding 24 hours,	-			"		
Water remaining o	n hand fit for use at Noon,		110		"		
Coal consumed dur	ing the preceding 24 hours,		tons	96	O lbs.		
Coal remaining on	hand at Noon,	58	"	56	0 "		

Р. М.	A.N.E	N. N. 8 3	30.29 8/ 82 52	for any
2	7.000	3	3027 80 84 81	7, 6
3	"	" 3	30 25-80 82 81	" Qu-cu 6
4	N. G. x N.	3	30,2480 82 81	" 0 " 6
5	NXE	" 2	30.2480 8/8/	" " 6
6	N. N.E	" 2	3025-81 7979	" 4 6
7		, 2	3025-812979	4 4 6
8	4	, 2	3025-81 7878	11 " 6
9	. "	, 2	302781 2828	110000
10	,",	, 2.8	302780 7878	f. gp. / Die 5
11	J. N. E.	, 2	30.20 80 78 78	Wet "
Mid.	N.N.E.	" 2	30,21-79 28 78	. "

Commander E. Strong Saturday January 8 4 under the command of , U. S. Navy. , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commence and until 400 am lover of rain Light aire from Gast. Barometh steady. From 4° OM to 800 AM
Clear and ble arant with light having showers. Light airs to
gentte breeze from & to 6 t. E. Barometer rising Record in Dept
Buttle and acto. 120 lbs. each fresh but and pregetable and 96
lbs. V bread. Lieutinant. U.S. N. From 800 MM & Meridiany

Fair and warm- Light to gent breeze Jum & 1.6 to 16 Tassing
shower 1st how. Finished cleaning up By order of Coundy, Offich
confined in double irone It. 60 Telan (10.30) for three dans, Memory
for two days, office. Disobeying orders in topat.

Mittelant. W.S. t. From 800 am. to Meridian Meridian to 400 P.M. Senete J. J. & Lucy Secured an Honorable Dio-charge to Ni dla, Mess altendant at the lea piration of his lime of en-listenent to-day. Sent swining farty ashore. Good William Go. W. Wieram From 400 P.M. h 800 P.M. buge. M. From ign From 800 P.M to Midnight. from S. S. S. Barometer Galley. rain second hour dight breeze Deller.

Examined and found to be correct.

John View to Navigator.

LOG of the UNITED STATES Ship Essea Droin D. H. S. Rate,

					WIND.				BAROMETI				URE.			lear hs.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10t	State of the
A. M.				1.6 x N	4.6 xx	3.5			50.25	19	78	78		в.с. з	Cu	5	-
2				*	1.6 x.s.	3,5			30 25					9	4	4	-
3				. 4	,	3,5			30 21	79	28	28		l. g. p	4	4	-
5				•	N. N. C	2.5			30.22					4.2		5-	-
6				1.6	"6	2			30,20	59	78	18		l'af	cin	4	1
8				N. S. S.	Jr. Sr. C	2			30.27	4	-	8/		6. C	2"	5	-
9				N.Ex.N	N.E	24			30. 67	8/	8/	81	,	6.c. q. f	On-1	4	1
11 100n.				"	4	2.4			30.35		29	80		- "	"	4	U

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / "
Longitude by D. R.	0 / //
Position at Noon: Latitude by observations of O	0 / "
Longitude by chronometer from Forenoon Observations of O	0 / "
(Latitude by	0 1 11
Position at 8 A. M. Longitude by	0 " "
(Latitude by	0 1 "
Position at 8 P. M. Longitude by	0 1 "
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth O observed at , ship's head	0 7
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 , "
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	JOU gallons.
Water during the preceding 24 hours,	, "
Water remaining on hand fit for use at Noon,	600 "
Coal consumed during the preceding 24 hours,	tons 2000 lbs.
Coal remaining on hand at Noon,	57 " 800 "

P. M.	N.S.E. N	16	3.4	30.29	80	81	81	f.c	Cn. nu	14
2	NEXN	",	35	30.28	81	82	82	,	4	4
3			3.4	30.28	81	83	83		1	5
4	N.E	4	34	3028					"	U
5	,,,	,	34	30.29	80	80	80	"	4	V
6		,	2.8	30 30	80	79	19	"		4
7	N.ExE		23	30.3/	81	79	79			6
8	A. S.E	"	3	30.32	80	78	78	-00	-	4
9	St.Ex.N	"	3.5	30.33	80	77	27	f.c.91	"	4
10		"	3.5	30.35	80	77	77	"	"	3
11	N.6	. "	3.5	30.33				"	11	3
Mid.	4	,	3.5	30.33	79	77	77	,	11	4

Commander & S. Strong Sunday Jan, 9 th U. S. Navy. 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am paging showers. Sent to stiff breeze from N. G. to N. G. X. Basometh Jaking. From 400 am to 800 am last hour. Light to gentle bruge from it. 6. It Is to Extended morning orders! Record in Rept of D. + a 120 lbs. each buf and vegetable and 96 lbs. busy. Mothelye Withank With From 800 am to Moridian Showers Light freeze with moderale July Jum S. S. 6 and J. 6 W. go 30 musting of guarten Shif and bester were inspected by the Commanding freeze. Gro. W. Fullains Meridian to 4 as I'M breeze Jim N. 6. By order of County Receive released Jim confinement and restore to duty Demired & Dinor and restore to duty Demired & Dinor and product placed in solitary confirmment for the days on break and through Harding & H A.3C) and Perminings & (23C) (fferre: "Disorderly-directful & disopedient." OP taguen From 400 9M & 800 P.M Genete to moderate breeze Jem N. & Barometer riging at 400 harred surely place on lighter files under boiler Bis for distilling Made preparations for sea DSelle Sussign From 800 9. M. to Midnight passing showers over the land and on Northern horizon Jente breeze with stiff squalls from J. G. Barometer steady. Distilling Wienlinant, W.S.N John With Thient r Navigator.

LOG of the UNITED STATES Ship Escla Rate, At anchor in harbor of M. Croix D. H. I and making Januage to M. Phomas Dollar

OURSES STEERED by Standard Compass. N. & N. &	Direction by Standard Compass. M. C	3.5 g. 4	Heel.	Leeway.	Height in inches. 30.33 30.30 30.29	79 80	77		Waterat Surface.	State of the Weather, by symbols.	Forms of Clonds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
,	N. 6	3.4			30. 30	80	77			l.c	Ja.cu	6	
,	"	3.4						77			0	1	
N.C.N N. N.E	,	1			30.29	81				4	1	U	
N Sr.C								77		11	"	4	
	"	3,5			30.29			21		f.c.g	"	6	
" ,	"	3.4						27		0.0.9	"	5	
Nout	N. N.C	3.4			30 33	80	77	27	80	"	4	6	B
	Jr.E	4.5								"	"	6	",
7 "	"									0'		6	11
	1. "5. 5										"	6	4
	N.6 XC	4.0								".	"	6	5
	7 "	7	Nout N. J. E 24 7 " " 40 10 " " 40 10 " " 40	Nouth N. T. E 34 7	Nouth N. J. C 34 7 11 12 13 14,5 14,5 15 17 18 18 18 18 18 18 18 18 18	Nouth N. "M. C 3 4 30.30 7	Nouth N. "M. C 3 4 30.30 8/ Nouth N. "M. C 3 4 30.33 80 7 " " 45 30.37 79 0 " 45 30.38 79 3 " N. Ex E 45 30.37 79	Nouth N. "M. C 3 4 30.30 8/7) 7 Nouth N. "M. C 3 4 30.33 80 77 7 " 45 30.37 79 80 8 " N. Ex E 45 30.37 79 80	Nouth N. M. C 24 30.30 8/7) 77 77 78 60 78 79 79 78 79 79 79 79 79 79 79 79 79 79 79 79 79	Nouch N. "M. C 24 30.30 8/7) 17 80 7 Nouch N. "M. C 24 30.33 80 77 77 80 7 " " 45 30.37 79 80 78 80 8 " N. Ex E 45 30.37 79 80 78 80 8 " N. Ex E 45 30.37 79 80 78 80	North N. J. E 34 30.30 8/77 77 80 ". 7 J. E 45 30.32 79 80 77 78 80 ". 7 " 45 30.32 79 80 78 80 ". 7 " 45 30.32 79 80 78 80 ". 8 " N. E x E 45 30.32 79 80 78 80 ".	North N. J. E sy 30.30 8/71 77 80 " 7 J. E 45 30.32 79 80 77 77 80 " 45 30.32 79 80 78 80 " 45 30.32 79 80 78 80 " 1 J. E x E 45 30.32 79 80 78 80 " 30.32 79 80 78 80 "	North N. J. E 34 30.30 8/77 77 80 " 6 7 J. E 45 30.34 79 78 80 " 6 7 " 45 30.34 79 80 78 80 " 6 7 " 45 30.34 79 80 78 80 " 6 8 " N. E & E 45 30.34 79 80 78 80 " 6 8 " N. E & E 45 30.35 79 80 78 80 " 6 8 " N. E & E 45 30.35 79 80 78 80 " " 6

Course and distance made good since preceding noon by	observations, N/2 W		nths.	
(Latitude by D.R. bean	ings '	18 0141	" N	
Longitude by D. R.	1	18 014,	" W	
Position at Noon: Latitude by observations of ©			"	
Longitude by chronometer from Fore	enoon Observations of O		"	
(Latitude by be arings		17 0 491	" N	
Position at 8 A. M. Latitude by be armys Longitude by "		17 0 49,	" W	
(Latitude by		0 /	"	
Position at 8 P. M. Langitude by		0 /	"	
Current during the time, - knots - tenths per	hour, setting to the			
Error of the Compass by Azimuth ⊙ observed at	, ship's head	0 /		
Deviation of the Compass by Azimuth O observed at	, ship's head	0 1	variation used,	0 '
Error of the Compass by Azimuth ⊙ observed at	, ship's head	0 1	"	
Deviation of the Compass by Azimuth O observed at	, ship's head	0 ,	variation used,	
Water expended during the preceding 24 hours,		500 gal	lons.	
Water distilled during the preceding 2	4 hours,	600	"	
Water remaining on hand fit for use at Noon,		700		
Coal consumed during the preceding 24 hours,		tons 1760	bs.	
Coal remaining on hand at Noon,		52 1280	"	

P. M. 2 3 32.5 1 / 9 34.4	NILE EN.C	9 3	3033 79 81 80	fc.	Queca 6
	N. Ex E G. Jr. E	Contract of the Contract of	30.32 80 82 81	0,0	1 6
2 3	6. N.E 6. N.E		30.33 80 82 81	"	" 6
4	St. E	2	30.33 80 81 81	",	. 6
5	6. N. E "	2	30 34 8/ 8/ 80	"	" 6
6	N. ExE	2.3	30.85 80 80 80	"	" 6
7	N.E N.E	2	30.36 80 80 80	"	" 6
8	", "	2	30.37 80 78 78	h	" 8.
9	E. N.E E. Sh. &	2	30.37 80 78 78	-4	" 6
10	///	1	30.37 81 77 77	11	" 8
11	61 11	2	30.87 80 77 77	"	" 7
Mid.	East "	1.2	30.87 80 76 76	7	" /

Commander & Strong Monday January 104 under the command of U. S. Navy, , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commence and until 400 am. Sair- Genet to still A. E. bruge in squalle. at 300 starter Gires under Br D" boilers. Distilling. M. Harlinant, U.S. St. From 400 am to 800 am

Fair and Ileasant. Guite to still breezes Jum S. S. E. and It & Mb to
turned over engine. ON 630 got under way and store out of harbour
Commanding officer conning. At 710 set cofuse North and part over fatent
log reading to. At 71 set for lot lotpinast staypail trypail and spanke
by the end funder steam and fore and aft sail except flying Braught of
shift forware 13.2 Aft 16.3. Master Chee Sunghul came for board att
620 as a passenger to St. Thomas. On staying O. Or. pers 5 Sis M. Tilliams Ensign From 800 am. 6 Meridian From 8 " UM. 6 Meridian Sair Medicale to slift briege from A 5 x 5 and A 6. Barometic strady. It gos mustres at quarter - Exercise Division as Jollans. It is in Infanting 3rd Testale, Isid Towler Bright strikes - Offic Foundary of Grands of from South of Country of the Foundary of Country of the South o Meridian li 4 au 9. M Olean in the SM Changed once at 13th No. at 13th to leght I bly breeze, Baromelia cleady by order of formand of ficey changed once at 13th No. at 13th to by Els . At 125 called at phasely being being being on the hearton of the Imman Omnin and of there at the Come backanged numbers with the W.S. Helmington at 12th and of the work freely anchor in a Jackans water, poft bottom - in Jackans I hair. Bearings at anchor, Truck Town I & & I tely bring and wife interfer of the July 5- Mile bear on SHS. I cause of branches or the July 5- Mile bear on SHS. I cause of branches or the formal free of the latter and spanish Sunfort of the I which visible view peters are given a new or a selection of the state of 21 guns with Danish Lag at main, salelle was returned by baltery on chore gun for gun! American Consul vesite Popp and received a salute of Jacker american Glay to the lon de-fathere. Commanders of ficer of Helmington autent officerally Commanding Their returned must of Consul and Commanding of ficer of Melmington Death of water Jone 13.2. toph 16.5" Abellets. From 400 9. M. to 800 9. M. Clear and flearang . Light to genete breeze Jum E. S.E. to N.E. Baronelet rising at 45 Gentler all by a Danish and break learne in and anchour. Allowed Juis to die out in boilers A x D: Distilling. Jets Jordan, U.S. N From 6th I'M to Midnight been - Distilling a tramp stamer entired harbor at 1/30 Clear and pleasant bught 6 breeze - Distilling a tramp stamer entired harbor at 1/30 Mit alue John Stewart Simber Marigation

LOG of the UNITED STATES
Of anchor in harbor of the Thomas O. It D.

Rate,

WIND.

RAROMETER TEMPERATURE.

State of Patent by Standard Compans.

Direction by Standard & ... Belght There. C. ... & ..

T			Reading		WIND.	0			BAROMI				TURE.			lear be.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Foree.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the
A. M.				E DE	East	1			30.37					l.c	Zr-cu	9	
2				East	"	1			30.37					4 6	4	9	
3				,,	N."6	1			30.34	78	75	75		"	11	7	
5				"	N."E	01			30.04					"	"	7	
6 7				"	6, 57.0	1			30.84	77	76	75			A //	6	
8				N. 6	N.E.	12			30.35					,	"	6	
10					"	2.3			30.39	81	82	82		4	"	7	
11				E. N. E	,	23			30.37	8/	84	27		"	"	6	
Noon.				01.0	*				20.26		00	20		"		1	

Course and distan	ce made good since preceding noon by observ	ations, NYE	6	knots.		tenths.		
	Latitude by D. R.			0	,	"		
	Longitude by D. R.			0	,	"		
Position at Noon:	Latitude by observations of ②			0	,	"		
	Longitude by chronometer from Forenoon	Observations of ⊙		0	,	"		
	(Latitude by			0	,	"		
Position at 8 A. M.	Longitude by			0	,	"		
	(Latitude by			0	,	"		
Position at 8 P. M.	Longitude by			0	,			
Current during the	e time, knots tenths per hour,	setting to the						
Error of the Comp	ass by Azimuth ⊙ observed at , shi	p's head		0				
Deviation of the C	ompass by Azimuth @ observed at	, ship's head		0		variation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , shi	p's head		0	. ,	"		
Deviation of the C	ompass by Azimuth @ observed at	ship's head		0		variation used,	0	
Water expended de	aring the preceding 24 hours,			50	0	gallons.		
Water dist	during the preceding 24 hour	s,		110	0			
Water remaining of	n hand fit for use at Noon,			130	0			
	ing the preceding 24 hours,		- /	tons	64	0 1bs.		
	hand at Noon,		1.51	tons	64	0 "		

P. M.	N.E. E	N.E	2.3	30.32 82 86 85-	of c	Curt 4
2	N.E	"	1.4	30.298/8282	V. C. 9. 6	, 2
3		,	2.4	30.29 80 81 81	1	, 2
4		"	2.4	30.28 80 81 81	4.c.91	, 2
5	,	,	2.4	30.28 80 79 80	"	" /
6			2,3	30.80 79 79 79	10.	", 2
7	N.ExN	,	34	30.31 79 78 79	E.c.g. &	. 2
8	,,		3.4	30.31 80 77 77	0,0	, 2
9	A.E	,	35	30.32 79 77 77	4. c. g	" 4
10	V.EXE		35	30.32 79 78 78	"	, 0
11	N.E	7	35	30.32 19 18 28		" 5
Mid.	"		35	30.02 79 28 28		. 4

Commander E. S. Strong under the command of , U. S. Navv. , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Char and pleasant dight airs from East and N.E. Distilling From Han aM to 800 am No and 65 at 745 commence evaluig from lighters alongside. The U.S.S Wilmington slood out. of tackers. From 800 am to Meridiany be gent brien Jem N. E. Baronila Jalling Sent boarding Reier to Danish Man. I was alsoft was returned Commanding Medically on Danish ship along the and Spanish ship "Concha" of free releases N. E. Vilan (a. b. e) expiration of confidement. Distrigued Coaling ship the Sent and Coaling ship. Meridian to the IM

Baronett Jacking clowds. The Aids of Cample of the Forener of Thomas.

Baronett Jacking clowds. The Aids of Cample of the Forener of Thomas.

and the Companyanding of ficer of the Darkish Corvett elingstof pair of ficer visits to the Aids. By order of Commanda of the National from enforcement.

By same perstyring confirme the No. Notel (4.30) and of the Akinest (4.30) is the former on the or of the order of the Meridian to Las J.M Intordan, W.S.V. From 400 P.M. 6 800 P.M Commanding of the Spanish gun boat made an official visit to the ship. Topper distilling at 150 Mittakene Mothere Dinlinant, W.S. St From 800 9 M. b Midnight Gentle to moderate breezes with stoff fruffs from St. ES- Monde got last half Geo. W. Mieran John W Thewart & Navigator.

LOG of the United States Ship Esseg Rate, Or an chor in harbor of the Thomas Withel

			Danding		WIND.				BAROMI	ETER.	TEM	ERAT	TURE.			ear bs.	Son
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
A. M.														0			T
1				N.6	N.E	35			3081	29	77	77		b.c.gr	0.1	2	
2						3.5			30.29	79	27	17		1	010-01,	2	l
3				*	4	3.5			30.29	79	77	17		8. c. q. 6	"	2	
4				"	,	35			30,29	79	77	77		0.0	"	2	I
5				,	,	3.5			30.29	79	77	77		G.C.9		2	l
6				,	"	3.5			30.29	79	77	77		"		2	
7				"	"	3,5			30.29	1-10	18	28		,	,	4	ı
8				4	,	3,5			30.32	1 4.	80	80		"	0	5	1
9				1 0"		3. X			30.36	-	8/	81		4	I shi	4	
10				N.ExN		34			30.37		-	81		"	"	4	1
11				1.0	"	34			30.36			81		"	"	4	1
Toon.				"		34			30.34	61	81	81		"	"	4	

Course and distance	e made good since preceding noon by observations,		knots.		tenths.	
	Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of O		•	,	"	
	Longitude by chronometer from Forenoon Observation	ons of O	0	,	"	
	Latitude by		0	i	"	
Position at 8 A. M.	Longitude by		0	,	"	
	Latitude by		. 0	,	"	
Position at 8 P. M.	Longitude by		0	1	"	
Current during the	time, knots tenths per hour, setting to	the				
Error of the Compa	ss by Azimuth O observed at , ship's head		0	,		
Deviation of the Co	mpass by Azimuth ⊙ observed at , ship's he	ad	0	,	variation used,	0 4
Error of the Compa	ss by Azimuth O observed at , ship's head		0	,	"	
Deviation of the Co	mpass by Azimuth O observed at , ship's he	ad	0	,	variation used,	
Water expended dur	ring the preceding 24 hours,		J	00	gallons.	
Water distil	during the preceding 24 hours,		2	00	"	
Water remaining on	hand fit for use at Noon,		100	00	"	
Coal consumed duri	ng the preceding 24 hours,		/ tons	48	O 1bs.	
Coal remaining on 1	and at Noon,		150 "	160) "	

Р. М.	1.4			00
1	N.G N.	6 34	30348/8/80	€. c. g, x-cu 6,
2		. 4	30.27 81 80 86	0 4 4
3		4	30.26 81 80 80	" 4
4		" 4	30.28 81 80 50	" 3
5		" 3	30.30 80 19 79	" " /
6	*	" 3	30.30 80 78 78	" " /
7	"	" 3.5	30,31 8/78 78	, 2
8		" 35	30.31 81 78 28	"
9	N 6 16	" 3. J	30.3280 78 78	, /
10	V.6	3.5	30.3480 78 78	0, 1
11		2.3	30 34 80 77 77	F.C. " 3
Mid.		2	30.33 79 77 77	" 3

under the command of Sommander & I. Shrong Rednesday Jan. 0/2 , U. S. Navy. , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and unte How am Slowing in Equals. 17 faction. Onsign From H = am to go am
Cloudy and pleasant. Gente to old breeze blowing in squalls from A. S.
Baromette ming. I say the aster needled from promisions as fallows: The head and so like each of but and regetables. Received the following stores from I of declater belog and Co. Equipment, 161 gallow of illuminating foil, to dozed laster chimneys. From the construction 100 lbs white leave pleasant and included it gallows eighted or it. It alie boat came alongside at Jos. From 800 am to Meridian Olear and Theredian Olear with moderal to cliff equally from I.E. Baronela rising then Having. On 900 mustres at gulariets afternait exercise at "and + away" foods for distant service" Received for transform for gall brish water The Gardish Guntrat General Conche came out of dock and anchored. Sister magazine flow everts. Whorkan W.S.N Meridian to 400 9.M.

Mendian to House, Furth to modurate breeze in squalls Jum M. At 1 when Pursian armourte Creirer Winks of Edinburgh as are in Light boarding Thick to make call which was retirence at once in 25 the County of Helicum and the Mendian Creires County. At 315 the Australia Creires Wonan Dean to make call at 122 the Duke of Edinburgh Live 21 gun saluty. Danish Ensign at main which was belianted by shore to allety and at 200 a 7 gun saluto to the Justian Consul At 300 the Donan grew a 21 gun saluto. Danish flag at main phore ballety believe the Bonan grew a 21 gun saluto. Danish flag at main phore ballety believe the saluto. William USA

From 400 P.M. 6 800 J.M.

Cloudy - Genete Green with slift Juffe from N.C. an Spice Jum the Donan Weterness the Govarding view of Jethan Jafternoon. Me Donan Fire a palette of seven gunt. At 6 2 Salarlie Just in Borle B. for distilling.

From 800 9.M. to Midnight beege Jum N.E. blowing in squalls fruit fast. at 800 commences diskelling! Jum N.E. blowing in squalls fruit fast. Tackon Ensign

Examined and found to be correct.

John Wytwent Sint - xavigator.

			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.		0	ba.	1
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Ch Sky, in 10th	State of the S
A. M.				416	- 10						20	2.		0	0		
1				E.A.E	6. N.C	3.4			30.33	181	17	11		6. c. 91	De-cu	6	
2					6. N.E N.E	3. K			30.31	79	27	77		", "	0	4	
3			*	."		3.5			30.29	79	27	77			"	6	
4				16xE	"	3.4			30.27	79	77	77		10	"	3	
5				A. G. X. E	"	2.3			30.27	78	77	77		b.c	"	4	
6						1.2			30.27	78	77	177			0	4	
7				"		1.1			30.29	78	77	77			xi.eu	4	
8				East	6. N.C	1.2			30.30	18	77	77		/4	0,100	4	
9					"	2			30.31	78	78	18		f. g. p		4	
1				various		2			3033	78	80	80		f.d	1	4	
10/	1_	1	11	NXXX	N.E	35			30,31	78	78	19		6. c. 2	"	3	
Noon.	1	6	2.1	N. N W 3/4 W	N. 6 x 6	3.5			30.29						"	3	
1400n.	6	11	0.4	"		199			1	,	,				1		
								-		-	-	-	-			-	

Course and distance made good since preceding noon by observations, N.N. W. 14 knots. Latitude by D. R. Longitude by D. R. Position at Noon: sect a bearings 650 09. 40" N Longitude by chr (Latitude by Longitude by Position at 8 P. M. { Latitude by 190 03, tenths per hour, setting to the Current during the time, knots Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth \odot observed at Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, 800 Water , distilled during the preceding 24 hours, /300 " 3 tons 880 lbs. Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, 146 " 1520 ". Coal remaining on hand at Noon,

P. M.								Quen 1
1	7	2	17.6	N.N.W 3/4W	N.EXE	14	1/2 30,26 79 79 80 80 Ge	
2	6	4	24.0	,	N. 6	4	1/2 30.24 79 50 81 80	0" 4"
3	6	3	80.3	,	,	4	1/2 30.20 79 80 8/ 80	Ja-cu 5
4	6	3	36.6	,,	"	4	1/2 30.26 79 80 80 80	0" 5"
5	6	4	430	",	"	4	1/2 30.27 78 78 76 80 "	frim 5
6	6	3	49.3	,	,	4	1/2 30.27 78 76 76 80	" 4 "
7	6	1	55.4	,		4	1/2 30 30 79 76 74 80	7 .
8/	5	7	61.4	"	N.ExE	4	1/2 30,30 79 17 73 80 "	Que cu 8 ,
8/1	3	13	62.6	N.N. W. 1/4 W		4	9/4 30.31 78 77 74 80	0 , 7 "
10	5	5	12.1	"	"	4	3/4 30.31 78 71 74 80	1 7 1
11	6	0	78.1	"		4	3/4 30.31 78 76 73 80 "	1 8 .
Mid.	5	9	84.0	"	,	4	3/4 30.31 78 76 73 80 ",	8 "

Commander & Strong under the command of , U. S. Navy, , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commencer and until 400 am Jun 6 N. 6 to N. 6. Barometer Jalling Distalling. The Sulfard From 4 00 AM & 800 AM be sound Sight airs to light breeze Jum 1.6 to 6 A 6. Baronkelet pleasy then prising. At 5 1 planter Peter under Boiles A B + D. Received for brain in Dept. Rupplies + abets. 120 th each fresh beef and vegetables and 96 the bread. Deulinant USA From 800 am to Meridian Cloudy with occasional rain squally- Light to stop breeze Jun 6 1.6 h.h. 6. Mg 9 turner over engine. At 9 a Commanding Plege I Busian Cryicar Duke of Edginburgh speads an Michael visit to lite lakely. At 9 trought to partie can of girls about the lakely. At 9 trought to partie and at 9 to Julia get kanor for anchor Under was at 945 planding out of St. Thomas harbour Country. Price comming Duff Joseph 11. Thomas of the gin. At 102 pet all for land of early to July 16 th gin. At 102 pet all for land of early to July 18 Jul Lieulinand W.S.N. Meridian 6 400 9 M O Fair and pleasant Moderate breeze Jum N. 6 x 6 and N. E. at 12th stoppy engines took to write man topsail to mark land un coupled propillar their filled away on everse and but lot gallantsails and royale. Believed Schow of course the filled away on everse and but top gallantsails and gap topsail. Believed from the course of the top the sail secret manual fall over for so to due out in the foilers. Distilling Unbert chann and got them below, and secure anchors for sea. I overful emore there, by order of Commanding Their reliqued the flott (43C) and placed of Kelson (43C) are solitary confined to for three days on bread and water for repeated disobediences of orders.

See the Tracesus Gro. H. Holisus Ensign o from 400 9.M 6 800 9. M Pair to clear - Moderalt breeze from N. C. to No. C. Barometer rising Eastering all hands at stations for Making + Charleting pail. Stering course N. N. M. N. Change in sail. Distilling. sail Distilling From 8 or 9 M. To Midnight Clear from NE by E. Barometer steady. By order of Com-Clear cord and frequent to be correct. manding Officer Change course at 82 6 Wh I I / W Morn rose at 10 G Distilling Solling. John Stevent Valogino K. Ausid

Ship &s LOG of the UNITED STATES D. W. et to Sort Royal D.C. hassage COURSES STEERED by Standard Compass. Height Lyar, Water at Bulb, Bulb. Force. Heel. /L 30, 30, 78, 76, 73, 80 /L 30, 19, 78, 77, 74, 80 /L 30, 14, 78, 77, 74, 80 /L 30, 28, 78, 77, 74, 79 /L 30, 28, 78, 77, 74, 79 /L 30, 28, 78, 77, 74, 78 74, 30, 32, 78, 77, 74, 78 74, 30, 32, 78, 77, 74, 78 N.E. N. N. W /2 W. 90.0 96.0 1.9 7.9 14.5 27.1 33.7 40.3 665666666777 009063 cu-s 3 4 N. N. W 1/2 W 4.5 4.5 3663 4.5 4,5 8 9/4 30.35 78 71 74 16 3/4 30.33 78 78 78 74 78 1/2 30.81 78 18 74 78 3/4 30.31 78 78 74 78 4,5 9 47.6 4.5 10 Sr. Xx N 11 62.8 Noon Course and distance made good since preceding noon by observations, J. Jr //g Jr /64knots. 200 26' Latitude by D. R. 66052. Longitude by D. R. Position at Noon: 20022 Latitude by observations of O 670 10. 200 04. Longitude by chronometer from Forenoon Observations of O obs. o 66044. N DR + Polaris DR Jum P.M. obs. 0 Position at 8 P. M. Latitude by 2/005. n 670441 knots 7 tenths per hour, setting to the W. /3°S Current during the time, Error of the Compass by Azimuth ⊙ observed at , ship's head on of the Compass by Azimuth O observed at or of the Compass by Azimuth O observed at variation used Deviation of the Compass by Azimuth ⊙ observed at , ship's head 500 gallons Water expended during the preceding 24 hours, distilled 1200 2 000 Water remaining on hand fit for use at Noon, / tons /2801bs. Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 240 P. M 68.7 74.5 80.1 986243 N. N. W/2 W 3/4 30.28 78 78 74 78 444444 3/4 30 26 76 76 74 78 3/2 30 27 76 75 74 78 1/2 30 27 78 78 74 78 1/2 30 27 78 78 74 78 1/2 30 27 78 78 77 72 78 3/4 30 30 78 78 77 72 78 3/4 30 30 78 70 72 78 3/4 30 33 77 76 77 78 1/2 30 30 78 77 73 78 1/2 30 30 78 77 73 78 1/2 30 30 78 77 73 78 1/2 30 30 78 77 79 78 56666666 N.N. W 1/4 W Jr.Ex E 86.3 92.7 99.0 5.1 11.3 ligg & .c. p 1266 4.5.4 4 4 9.4 17.9 Gaet N.Ex 30.1 11 1/2 3031 77 77 74 78 Mid.

Commander E. S. Strong Griday Jan. 14 under the command of , U. S. Navy. , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commences and until 400 am Clear and pleasant bright moonlight moderate breeze from N. 6 h It Ex E. Bazometa falling. Smooth pea Steering a course It N. 11/4 It and by the wind on stoy tack under all sail except mainsall Distilling. Lieutenant, U.S.A. From 400 am to 800 am Cloudy- Agnacy action and to luward. Moderate to stiff bruge Jum N.E. Executed morning orders. Distilling: Bar rising. Mitaline dientimant, U.S.N. From 800 am to Meridian Sto. M. Mestians Ensign Meridian to 400 J.M. Palling Coercider appendices of self watch at signale & swingle Melling by the winds on self tack first fact. Jon course NAMEN. 0.12 tackers. of rom 400 0. M. to 8000 m Baronelle using Took in royale and Plying jit at 12 Cairing apprenties at clations for shortening land making sail 1 Distilling Dellan. Ensign Cloudy with passing van equalle fruit part of watch. Clearing latter past Gentle to stell bruge from N.E. & to E. Burometer facting slowly. Steering a church to N. W. M. under same sail as free watch at god tooking aff to peak. At 1000 hauled down miggin topmast staysail Distilling. strom 8 - J.M. to Midnight. Jak Jordan. U.S.N. John Wytwart Shient & Navigator.

Ship Essea St. S. Fort Poyal DC LOG of the UNITED STATES Making WIND. COURSES STEERED by Standard Compass. Heel. Hour. N. N. W/42 1- 30.30 77 76 73 78 436 5 50.1 56.5 3 62.6 68.9 75.2 86.6 93.3 00.8 4.5

4.6

4.5

3037 77 77 76 78

160

Course and distance made good since preceding noon by observations, J. N. 1/2 W /JJ knots. 220 24 Latitude by D. R. 680 46. Longitude by D. R. Position at Noon: 220 2K1 Latitude by observations of O Longitude by chronometer from Forenoon Observations of O 650 50 220 011 680 341 Position at 8 P. M. Latitude by 230 06, 690 18. Current during the time, knots - tenths per hour, setting to the Error of the Compass by Azimuth O observed at Deviation of the Compass by Azimuth ⊙ observed at , ship's head of the Compass by Azimuth O observed at , ship's head variation used Deviation of the Compass by Azimuth O observed at , ship's head 500 gallons ded during the preceding 24 hours, Water , distiller 1300 during the preceding 24 hours, Water remaining on hand fit for use at Noon, / tons 50 lbs

P. M.	5	9	20.2	A.N. 2 1/4 W	Ext	4	1/4 30.32	17	28	25	78	f.c	cu	6	n
2	6	6	26.8			4	14 30.31	77	78	14	78	"	cir-cu	4	"
3	6	3	33,/	,	"	4	1/4 30 31					,	cir-cu	4	
4	5	8	38.9	"	,,	4	1/4 30.31	77	78	14	78		,,	6	4
5	6	1	45.0	4	6 N.E	4	1/4 30.33	77	77	74	78		1	6	
6	6	2		4		4	1/4 30,83	77	76	13	78	"	11	6	4
7	6	5	57.7	"	",	4	1/4 30.34	76	75	72	77		4	6	4
8	6	1	63.8		N.ExE	4.0+	1/4 30, 30	76	75	72	77		11	7	+
9	6	2		"	1.6	4	1/2 30.37	77	75	72	77	*	Ou-S	7	
10	6	1	76.1	"		4	1/2 30.37				77	"	,,	7	"
11	6	2	82.3	"	"	4	1/2 30.37	11		72	77			7	"
Mid.	5	1	87.4	", .	"	9,4	1/2 30.87		75		77	"	"	7	"

Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

6

7 8

9 10 11

Commander & S. Strong , U. S. Navy, , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am Clear and pleasant. Itelf to moderate N. E x & breeze Under all sail to I. 3. sails except mais ail, miz. topmast stalpeail + galf topsail Distilling dientinant, U.S. A Strom 400 CM to 800 CMM

brush squally from 4.6 by 6 passing shower last that forming Moderate to stoffall from 4.6 by 6 passing shower last that stopping it minum to prosest and gast to be find royall-flying git mayor topmast staysail and gast to be all Jano clengup to galland to a squall. It sees the gast to be all Jano clengup to galland to a squall. It sees the galland sails to a squall. It sees the galland sails to plan sail to topstrom 400 am to 800 am gallant sails except mansail. GroW Mystaus onsign From 800 am to Meridian
Fair-Moderate to stoff bruge Juga ENG + 6 x Nr. Of 80 mave all paid
lacept maincail. Or 10th tork in Juping per and golf lopearly. Of 10th torman (5) (5) explorite to phration of his enlisting of the following course it is 10 feet of the lander all face to the mainsail + galf topsail. Finished distitling at 900 Juin dying outs. Meridian to 400 P.M. Cool and fleared from Exp. Barvalle Stage By order of Commanding officer released from confinement and continue to the days solidady confidement on bread also water for jurisless disjudience of orders & of Stemman Juriman 1st clair was discharged Jum the raval Revise with an Formable Discharge. W/280 work of man trysal and set manual From Las S.M to 800 P.M Baromete rising Stering a source IN MIN. 14 W. Or change of pail Donday US. N. From 800 SM to Midnight. Olear and pleasant Moderate NE breeze. Bar strady. Same sail as preciding watch. Motherline U.S. N. John With The Navigator.

LOG of the UNITED STATES

| Compans | Compans

Hour,	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Baib,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the St
A. M. 1 2 3 4 5 6 6 7 8 9 10 11 Noon.	15644433333222	6794439973	920 927 4.1 8.5 12.9 17.2 21.1 20.0 28.7 32.0 33.3	A. N. N. 14 H	N.E J.ExE E.J.E N.ExE	444333333333333333333333333333333333333		1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	30.33 30.33 30.33 30.33 30.33 30.33 30.37 30.37 30.38	76 76 76 77 76 77 76 77	75 74 74 75 76 76	73 72 72 73 73 73 73 73 73	777777777777	f.c. """""""""""""""""""""""""""""""""""	girus girus	567844456666	S " " " " " " " " " " " " " " " " " " "

Course and distance made good since preceding noon by observations, J. Jr. H. /4 // //5 knots. tenths. Latitude by D. R. 7000%. Longitude by D. R. Position at Noon: Latitude by observations of ⊙ 24007. 69046. Longitude by olis, O 6904/0. 240 141 Longitude by Current during the time, 0 knots 6 tenths per hour, setting to the Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head variation used, Deviation of the Compass by Azimuth O observed at , ship's head 500 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 2300 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, 144 " 160 " Coal remaining on hand at Noon,

P. M. 0 8	N. N. W 1/2 W	DE.	2	30.	12 76	- 82	80	76	f.c	Cu·ci str	6	5
2 / 5			1	30	3/ 28	82	80	76	"	"	6	11
1 1 4	"	"	2		20 78				,,	,	6	11
1/5	,	"	2	30.	30 78	84	81	76	,,	"	7	4
, / 2		6. J. E	/	30	3/ 78	8/	79	76	,,	0 "	7,	4
6/0		Gast	1		8/78				,,	Ji. en	6	4
7/0		N.E	1	/ 30	33 79	75	74	76		0 "	7	4
8 8			1		35-79					"	5	11
9/0		"	1/2	30	35-79	9 75	173	76	7	"	8	11
10 / 0		"	1.2		30-79			76		"	8	4
11 5	"	"	1	30.	35799	174	73	76		"	8	4
Mid. 4		East	1	30.	33 78	174	73	76	"	"	1	11

Commander & Strong under the command of , U. S. Navy, , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am Jam between It & and & N. S. Sturing It It It It of change in sail Gro. W. Mysicins From 400 am to 800 am
Train- Senete to moderate bruge from & N. Ex C. Barometer
rising. Steering course St. St. 34/4 Mg Its change in pail. O. 1/2 Lecture.
Ensign or som 800 am to Meridian Olear and pleasant-Geneti to light bruge from 6 x h. Barometa traing steen falling. At 932 sometime of guarders offler which Executive of Spices inspection chip and crew. Commanding officer here Divine Vervice. At 112 Hauler in getent long. I alletiman re-enlisted on board for three years as fireman 12 Class. Meridian to 400 P.M. Olean and warm. Light breeze from 16. Baromyter falling then steady. Attering a course of NW 1811 until 12.20 when by after Comor Steel changed course to 1814 W. By same authority released from Moonfinement I & Nelson (2, 3 Cl) is phination of confinement and the Holling former for three days, soldary confinement on bread and water the Mulay former Diosespectful in language + deportment to Office of his Wiring. Infordar. W.S.A. From 400 9.M. 6- 800 P.M Clear and plearant - bight airs from the East to NE at 42 set main & miggen topmant at ayacile and fort clear famains ail. at 520 set stiff clear of mainsail flumper out bilge. Quentinant US. N. From 800 9. M. to Midnight airs from It E and East. Steering course It. It It. A. ar II to hande down made and missen topmast staysaile. At end under fore sommant elaysail and plain sail to royale except apantel. Dea W. Mysiam Onsign John Stewart Sherit & Navigator.

LOG of the UNITED STATES

Making passage from St. Thomas. W.M. cl. h. Port Royal D.C.

Realing of the United States Street Owners.

BRANDETER TEMPERATURE

BRAND

1000			0		WIND.				BAROME		TEMP		URE.			bs.	2
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl Sky, in 10th	State of the
A. M.	0	2		1. 21/4 H	€. 1. €	0.1			30.3/	18	74	73	76	f.c	cu-s	7	5
2	1	0		,	"	1.2			30 80	1			76	"	"	7	,
3	1	6		,	Ex N	12			30.50	-		1	76	"	*	7	1,
5	1	0,		,	PE	2			30.28	77	74	46	76	"	1-	2	"
6	1	3			5.6 x E	1/1			30.8/	1	-	40.0	76	"	0 "	5	"
7 8	1	2			"	1			30.35	77	-		76	"	Jisce cu	6	4
9	1	7		"	656	1.2			30.37	77	76	75	76	"	gri-cu	17	"
10	2	0		*		2			30.36		77		76	"	Ja-cu	8	1
Noon.	2	0		,	Ex S	1.2			30.35	11	11	10	16	"	ci-cu	8	"

Course and distance made good since preceding noon by observations, $\mathcal{N}, \mathcal{H}, \mathcal{M}$ 35 knots. 240 261 (Latitude by D. R. 700 141 Longitude by D. R. 240 261 70018. 24021. Longitude by of 0 700 11. Position at 8 P. M. { Latitude by 24043, DR. Jum J.M. ob. o 700 44 Current during the time, -Error of the Compass by Azimuth © observed at 9 4. 44, ship's head J. Yr. /4 W. 40 00. W Deviation of the Compass by Azimuth @ observed at 9 44 7, ship's head J. W/4 W. Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head 500 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 1800 Water remaining on hand fit for use at Noon, tons 800 lbs. Coal consumed during the preceding 24 hours, 143 . 1600 .. Coal remaining on hand at Noon,

P. M.							
1	2	0		N. W/4W	East	1.2	30.33 78 78 71 76 b.c ei-cu 8
2	2	2		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2	30.32 78 78 76 76 " 8
3	3	0	34.2	,,	6 N.E	2.3	30.32 78 76 76 76 " " 7
4	3	0	36.6			2.3	30,32 78 19 78 16 " "
5	3	5	40.1	,	"	8	30.34 77 78 77 76 " "
6	3	4	43.5		East	3	30.34 78 76 76 76 76 7 "
7	4	8	48.3	"	E.N.E	8.4	30.36 78 75-76 76 6.c. q. 7 " 4
8	4	9	532	"		34	30. 36 78 75 76 76 C.cl "
9	5	4	58.6	"	,,	4	30.39 78 75 76 76
10	5	9	64,5	,,	,,	4	30,39 78 75 76 76 " " " 6
11	6	0	70.5	4	,,	4	30.39 18 75 76 76 76 76 76 4
Mid.	5	5	76.0			3,5	30.39 78 75 76 76 h.c. 10 .

Commander & Strong under the command of , U. S. Navy, , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am for 5.16.06 x N. Moon was at 145 Barroult Palling. At 200 set mail + miggen topmast playactes. No steerage way at intervals 1st hour on Course A. M. /4 M. Tremainder It watch and all end under all sail except spanker in trypail - gaff M. Lacker From 4 to am to 800 am
Clear and pleasant dight breeze to light airs Jum A.E. to S.E.X.E.
Barometer rising. At 6 to topp in Imaginal and Imain and misgen
topmast stay sails. Moonlight first half of watch. Chom 800 am to Meridian

Clear and pleasant. Sight win to light breeze Jum 56x 6. to 6x 5. Barometer

Alady then Jalling. Smoth sea. Straining a Jentice It of mains all the same

gailf an phenyling watch. Or " port cler of mainsail. Of 1/2

haules down fort to purate staysail. A pail in Jaight standing to 1/2

+ 1/2 Or 902 mustated at guapters. Got up and drive oil-ships. Server

out and marked pea evals. J. N. Jordan. WS N. Meridian to 400 0.m. Clear-Sight, airs to gentle bruge from the Gast to ENE At 2 30 pet stall clear of malinsail, makin and solving to formast staysails. At 2 50 pet for loop nast staysails spanked and galf to peakle. At 3 02 peut our part los reading 342 Barque in sight for the quarter all watch standing to 194 and 192 Moduline WS. A. From- 400 J. M. 6 800 J. M. Jan to cloudy- pleasant - Genth and moderate breezes from E. N. E and East. Parting chowers third how Exercised all. hands at sail drill. at shi under same sail as preceding watch. Liz W. Mains From 800 9 M. to Midnight.

Elmay paring shower last hour Gentle to still breeze from

6 A 5 18 dromett strady. Sturing course I. W 14 H. Not change
in Sail. OF tasking Examined and found to be correct. John Withwart . Navigator.

Thomas D. H. a to Port Royal De Air, Wet Bulb.

Water at Surface. 30.39 77 70 70 76 30.37 77 75 76 76 30.36 76 75 75 76 30.36 76 75 75 76 30.36 76 75 75 76 N. W/4 W 81.8 30.36 76 13 13 76 30.39 77 72 72 76 30.40 77 70 72 76 30.40 77 76 76 76 30.41-77 76 76 76 30.42-77 76 76 76 24.0 36.0 10 30.44 77 76 76 76 30.44 77 77 77 76 41.9 49.2 Course and distance made good since preceding noon by observations. 128 knots Latitude by D. R. 700021 Longitude by D. R. Position at Noon: 250 33, Latitude by observations of O 720 18. 200 28. 7/0 07. w W 72057. Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth ⊙ observed at J'00 gallons during the preceding 24 hours, 1300 Water remaining on hand fit for use at Noon, tons Coal consumed during the preceding 24 hours, 143 " 1600 Coal remaining on hand at Noon, 3039 77 77 77 76 3039 77 77 79 76 3039 78 78 78 70 70 3039 78 70 70 70 3040 77 70 70 70 3040 78 70 70 70 3040 78 70 70 70 3040 78 70 70 70 3040 78 70 70 70 3040 77 70 70 70 3040 77 70 70 70 N. n /4 N. 800 E. N.E 56.0 61.8 67.0 72.7 79.0 85.2 90.8 20 7.3 8 E's ExS 26487/ €3.6 11

Commander & P. Strong under the command of U. S. Navy. , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am E. N. E. Baromete Galling Under Tondy and wood, Modwall briege Jum & N. E. Baromete Galling Under all sall except main trysail. errom 400 am to 800 am Fair and pleasant - Moderate to Jush breeze Jum G. S. E. Barometer rising then beliady. Steering a course N. 11/4 M under same sail as freelding watch! at 6th look in gaff topsail and migger topment belaysail. At 7th look in main Probject to refit settif bluet sexting it lagain at 7th look in main Probject to refit settif bluet sexting Lieutingert U.S. A. From 800 am to Meridian guardies fair - Moderali & stiff E. V. E. bruge, at 900 mustred at quarties and exercised as follows: - Founded Wir. Signale & Infantry for Dry. Wation at great genes. In Bur. Great guyeft instruction to aw the mounded on Der Hame as In I will Jerut all divisions reamanship instruction. Sester magazine flow cocks. Motheren W.S.N. Jain to cloudy - Pliff and moderate breeze from between E. S. E and Ex. Ok 12 2 political library still changes county to the 1/4 to the Command down fore topmash playwail. Of end under main topmash stagewalk and play sail to royale. By order of Commanding of their releases of the Longuet (19.9 C) from confidences and chuffied for calling a Belly official a vile name. Meridian to 400 9. M. In Harian Ensign From 400 9M to 800 9M.

Spir-Moderate to staff bruge from Ex S. Baromete vising Exercised
all hands at plating to Shouteding making pail. Sturing come

N. W. 14 St. No change in pail. From 800 9.M. to Midnight. Moderate bruge Jum 6 x S to 6 Al. Barometer steady. John W Thewart - Navigator.

St. Thomas D. H. I to Fort Poyal & Height in inches. att/d. Height in inches. 5 9 19,3 6 0 35.3 30.43 77 75 75 75 30.41 77 77 78 75 30.41 77 75 72 75 N. 7 1/4 N 5 2 40.5 1 45.6 1 JO.7 30.41 76 74 72 75 30.41 76 74 72 75 40.5 55.8 5 / 60.9 5 4 66.3 5 2 71.5 6 / 77.6 6 9 83.5 30.4976 76 78 30.47 76 76 73 Course and distance made good since preceding noon by observations, /37 knots. 1270 08. (Latitude by D. R. 7/4004. Longitude by D. R. 270 08. 14.08. 260 52, 73.50. 270 45: NR Jum J.M. obs. o 740 57. Deviation of the Compass by Azimuth @ observed at 500 gallons 800 tons /440 lbs. 143 .. 160 .. Coal remaining on hand at Noon, 75.4 90.0 96.3 30.44-76-75-72-74 30.44-76-75-72-74 30.44-76-75-72-74 30.44-76-75-73-74 East 4665 3 6", 5 3875 5 2.6 8.4 4 30.44 76 75 72 74 30.45-76 73 71 74 30.45-76 72 71 74 30.45-76 72 71 74 15.1 216 489995 28.0 34.8 3046 76 7/ 7/ 74 3046 76 7/ 7/ 74 3045 76 7/ 7/ 72 3044 76 7/ 7/ 72 48.6 S.E. . E. 5

Commander E. J. Strong , U. S. Navy. Kednesday Jany. 191 , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am GNG Barometer straty. Stering a course of 16 16 th to under all pall in cept main trypail, The and miggin topmast stamails + gall topsall. Of 120 llook in spanker and main topmast playsaif. Deulinant, US.A From 400 am to 800 am clear and pleasant. Moderate breeze from E. P.E. to the East. At 612 sighter stander on port bow standing to St 4 113 at 700 set staypails sponker, and gaff Stoppail. Execution morning order Lunlingar, U.S.A. From 800 am. to Meridian Fair and pleasant- Moderate & stiff bruze Jum Gast. No change in sail, Mustired at quarters at 9 - Janu little inspection bedding and bags and aired bedding. 910. AM pliam Meridian to 400 5m Helricean W HE - C.M. Fair - Moderate to stiff buese Jum East + 6 x S. Barometer failing. ON 12" change course to bet the C.P. 554). By order of Condelling of Flices made following change in rating A & Combey yes to C. to His will appear to forth water at Sewing. By Jade of Combey of the strength of t From 400 J.M to 800 J.M Clear - cool and plearant. Alis burge Jum Ex S. Barometic deady Correined Opprentice at stational for making and chartening spell and ree find topsails. Ensign From 800 9. M. to Midnight buege from 6x5 & 56.6 Baromiler falling slowly hea riving. I Steering a course A. H. No change of spil. Jetfordam, W.S.N. John W Thewart

John Shomas D. H. J. to Port Royal S.C. Making Height International Height Bully. Rater at Surface. 66.9 P.6 × 6 30.44 75- 71 70 70 30.44 N° 71 70 70 30.42 N° 71 70 71 30.40 N° 71 70 71 30.40 N° 71 70 72 30.40 N° 71 71 72 71 30.41 N° 72 71 72 30.43 N° 74 72 72 30.43 N° 74 72 72 30.43 N° 74 73 73 30.44 N° 74 73 73 30.44 N° 74 73 73 30.44 N° 74 73 73 545444435554 3.4 88953 (99) S.E. 56x5 8.8.6 10 Course and distance made good since preceding noon by observations, J. H. 3/4 H. /33 knots. 280 35. (Latitude by D. R. 760 00. Longitude by D. R. 280 28. Latitude by observations of O 76.09. 28. 20: 750 46. 280 48. 760 39 knots f tenths per hour, setting Error of the Compass by Azimuth O observed at , ship's head Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth O observed at variation used 300 Water remaining on hand fit for use at Noon, / tons 320 lbs Coal consumed during the preceding 24 hours, 141 . 2080 Coal remaining on hand at Noon, 30 38 76 75 74 73 30.37 76 72 74 73 30.37 76 73 74 73 30.37 76 74 73 72 30.37 76 72 72 30.40 77 73 72 72 30.40 77 73 72 72 30.40 77 73 72 72 30.40 77 73 72 72 30.40 77 73 72 72 30.41 77 73 72 72 30.41 76 73 72 72 30.41 76 73 72 72 30.41 76 73 72 72 30.41 76 73 72 72 30.41 76 73 72 72 P.M. 3 7 /33 2 4 / /7.4 3 4 / 2/5 4 3 9 25.6 5 3 6 32.2 1 4 / 36.3 8 3 5 39.8 9 3 9 43 / 10 4 6 47.7 11 5 2 52.0 Mid. 4 9 56.9 3 3 3 667 34 3 3 4 0"

Commander E. J. Strong , U. S. Navy, Thursday Jan. 20 , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 40 am Sox 6 bruge. Under all sail. Of 12 12 topk in stayrails, spanker, gaff topkail and stif. clar of mainsail. Mitaline U.S.A. From Has am to 800 am Cloudy very damp - Genete to moderate breeze Jum between No by E and S. E. S. S. At 5 th darled up mainsail. At J. P. Ret setif cler of mainsail. At end under Jegning set pet and square sail except mainsail. Starlet Juis in 13 toller par 800. Dro. H. Medans From 800 am to Meridian SEX ST SSE. Bar Galling. At 900 musteed at quarters Exercised Definitions as Tollows- 12t Tout of flath. Small am Southwellow. Sixtol Nisting ut I tavigatoris. Inspection through plaths. The North String working to the sixty of the string heading. In 1000 Ret main + Insignal offmast staippail, Spanker, Jahl Loprail to Clear of mainsall. Stering N. H. At end refinally stail except port clear of mainsall, main trysail + four topmast playail. Turks under 18 boiler. Patent log Johning Jaeguersty. Meridian to 400 J.M. Gentle to moderate breeze from SSE to 5 x E. Baromflet steady. Exercise apprentices of watch on dech at signale and pail making Commences distilling of 12 the From 400 9M to 800 9M Senite to moderate breeze from & Baromete Meng then pleasant. Senite to moderate breeze from & Baromete Maing them pleasant Steering a course of M. Ito change of sail Exercised apprentices aft platifier for chorling and making sail Sighter a photoner on settly low standing to the Me. Mintenant, U.S. A. From 800 J.M. to Midnight by moderate 5x H. to S.S. H. bruze. At 915 set for lopmast classail. Of 832 + 112 form Jat. log solator Gould. Distilling.

Examined and found to be correct. Witholine U.S.A. John Stewart Navigator.

LOG of the UNITED STATES A. M. SSX 5-9.5-63.6 68.4 41 3 72.5 1332 86.1 5 2 4 6 8 4 2 SN'xS 30.46 76 76 74 74 74 30.45 76 76 74 74 11 Course and distance made good since preceding noon by observations, 109 knots. Latitude by D. R. 170 350 Longitude by D. R. Position at Noon: Latitude by observations of O 770 24. Longitude by Chronomyter from Forenoon Observations of ©
Latitude by Chronomyter from Forenoon Observations of Observa 780 08. knots 3,8 temphs per hour, setting to the A. 140 H. the Compass by Azimuth ⊙ observed at variation used, J'00 gallons Water expended during the preceding 24 hours, 1300 1100 / tons 2060 lbs. Coal consumed during the preceding 24 hours, 140 " 20 " Coal remaining on hand at Noon, 4.9 cu.sh-73 73 73 73 73 73 73 73 73 73 73 73 73 180103 14.8 3 4432 17.5 3 20.6 3 23.1 3 26.4 33 5 33.9 87.4 40.0 43.7 75 3 10 0 3 11 8 7 Mid.

Commander & P. Strong Iriday, Jan. 21 , U. S. Navy, 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Congruences and until 400 am Sent to modual buye from SS. N. No Johange in sail Distilling. Patent log Joul Joses hom. log Jouly- Moderate bruge John SS H. No change in sail . Patent log Jouling Juquently. Distilling. errom 400 am to 800 am Thom 8 and the Meridian Oliar and the S. Barometer Jalling. Oh 8 st took in the clear of maintail and set main trysail. At 19 so musticed at quarters allet which went to Simul Inseltion. By order of Commanding Thien confined of Singuetret (230) for two days in Idouble would find impulsioned It it is officer of the face. Meridian to 400 g.M. Sentt bruge from S. Jr. S. Barometer Galling then steady. Steering a course of the Justil 12th when by order of Commanding of Changes course to 1. Jr. Jr. Change of Jeast. Education of Apprentices of dult section in signals. By order of Commanding of Confinement of the Triban (9.30) learning confinement of the Triban (9.30) learning confinement on the authority confinement on the authority of Soliday confinement on the authority of Soliday confinement on the authority of Soliday of the person a vile name. Dienlinant U.S. A From 400 PM 6 800 9M. Clear- Very damp aller ownset Sente SSH bruge. At 5-12 exercised, ruling to Wails + courses and thin made sail adain. Pat log robalist fouling with gulf wew frequently. Distilling. From 800 P.M. to Midnight Pain damp. Genete Jouen Jum S. S. H. Patent log Jouling Juguenty. No change in pail Distilling Gro M. Hellains John Witewart Lieut Navigator,

Ship Essex UNITED STATES D. Hel to close Poyal. P.C. Height in inches. Ther. Dry Balb. Water at Surface. Heel. 1/2 30 43 71 73 72 73 6 w 1/2 30 43 70 73 70 73 1/2 30 44 72 73 71 73 6 0 m 1/4 30 49 72 73 72 73 1/4 30 39 76 78 72 78 6 0 0 1/4 30 38 76 74 73 76 79 1/4 30 38 76 74 74 77 11 11 30 38 76 74 74 77 11 11 30 38 76 74 74 76 6 0 1 30 38 76 74 74 76 6 0 1 30 38 76 74 74 76 6 0 1 30 37 76 76 77 72 75 6 0 1 30 37 76 76 77 74 75 6 0 1 Sxy 48.0 3 10 5 4 3 3 123 8 56.1 3 4 4 0 6 3 3 5 5 5 6 6 7 61.5 3 64.5 3 734 4 84.5 91.4 98.3 5667 9 11 5:0 Course and distance made good since preceding noon by observations, J. Jr x Jr /4 Jr. 94knots. Latitude by D. R. 790 26. Longitude by D. R. Position at Noon: 30 0 26. Latitude by observations of O 790 13. 300 10. oh obs * 780 45 Longitude by Position at 8 P. M. Latitude by 310 00. 190 54 9. m. ob. 6 0 knots f tenths per hour, setting to the 6. 10 W. Compass by Azimuth ⊙ observed at n of the Compass by Azimuth @ observed at , ship's head Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, JJO gallo Water distilled 1200 1750 Water remaining on hand fit for use at Noon, /840_{lbs} tons Coal consumed during the preceding 24 hours, 420 " Coal remaining on hand at Noon, 30.29 74 92 72 76 1/4 30.27 74 18 73 77 30.28 71 71 74 77 1/2 30.23 70 77 70 77 1/2 30.29 76 70 70 70 1/2 30.21 76 70 70 70 30.20 76 70 70 73 76 30.29 76 70 73 70 30.19 76 73 73 70 30.19 76 73 74 30.19 76 73 74 30.19 76 76 70 70 67 South S.S. H S.H. S SS. H 3 0 11.0 t. c. 9. 6 17.4 22.2 17.9 35:0 4576005-4666 445444 415 475 4 59.4 59.2 72.6 79.0 cir-sh-N. X"/2 N 5.6666 5. 7/x5 10 30 14 74 70 70 67

bommander & Strong Salurday Jany 22 22 , U. S. Navy, , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am.

Bear and Jim Sente bruge Jum Sx H. + Sout. Heavy dew.

Baronela Jalling. No change In pail. Distilling. of fackor.

Energy From 400 am to 800 am Clear and cool - Genete to moderate bruge from South Barometer steady. Distilling. From 800 am to Meridian be fresh buse with fresh equally limb recasionally clearing. Moderate to fresh buse with fresh equally limb to 5. B. Barofulty clearly eliably rather falling Stiering a course H. N. H. under same sail as preciding watch - took in trough flying per and gaff topsail to a equality setting them again when expedies was outer fully mainsail. Limbinant. US.N. Meridian & 400 9. M. Cloudy-Ramy & squally- Moderate to very Quah briege from the South to Stras Jak 12 thort in progale & lying get to a squally then I'd sails of my lopmast staynail & get to hashiff lat 22 troth too rulps in topsails. Our prometer Jaccing rapidly until I'd when seasons bey order I counded frien Ch. Deferent (1/20) was continued in double when Joy brief days of fleme-calling man at wheel a brile name and I'd Beissert (1,3 f) will double who for the days - June-asley on brokout, bent, both bower chainer and got anothers ready for letting go. Horsti smoke pipe. Rulemant U.S.A. From Has J.M to 800 J.M. Cloudy and squally first how-cleaning weather remainder of walth, Moderatt to slift bruger from 5.5 th with fresh agnalls. At 4" took in longellant sails and math lopewast claysail all 5 to put single reefer to peak trysails and apparate for fresh to peak trysails and spanner for 62 that how how the sunder 43.8 - Change course for the 18 to the 18 to the a sounding in gof fine and at 12 in 100 fine have bottom. Go. W. Wyliam From 8 20 P.M & Midnight

N. H. S. S. S. Baromelte Lalling. At 8th Changed course &

N. H. S. S. J. J. Lake sounding as follows 8th in 90 Junt for Joseph 9 1/2 + 1/2 m 36.24/1. × 22 June

Repetitively to the property black offices of 8th at affects for in Cities 13 C. N. Change in sail

M. Language and country black offices of 8th at at a time to be a fine of the sail of the John Theruit , Navigator!

LOG of the UNITED STATES Ship Fosla A anchor in Port Royal S.C. " at anchor in Port Royal S.C."

-			Reading		WIND.				BAROMI	TER.	TEME	ERAT	URE.			lear ths.	0.0
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clease, in 10the	Oteles of the O
М.	1.	2	85.2	J. W/2 A	S. H.S	6			30.12	73	20	20	67	be	cu slo	6	1
2	6	9	93.1	"	"	6			30.10	73	70	70	67	011	11	4	
3	7	1	0.2	"		6.7			30.09	- 1	70	70	67	4, c.g	cu-vr	4	-
4	6	3	6.5		J. M.	6.7			30.05	1/8	66	65	6/2	t.c. 4.7	"	1	
5	2 3	2 4	18.8		West	5.6			30.//	68	60	19	5-7	" /	0 "	1	
6	22	36	14.5	N. N. 1/2 N	Wx.V.	5.6			30./2		18	55	17	f.c. 9	Ja-en	5	i
	6	4	26. K	,,	, ".	5			30.14					- "/	4	5	Ī
9				various	N.N. H	5			30.16	,				"	"	6,	
0				Sr. Frx Jr.	1"	5-			30.17	200	58			"	cu-sli	6	
1				01.11.	gress	J-			30.17	11				"	"	6	
on.			-	"	"	-			1/	1		-		"			

Course and distance	e made good since preceding noon by	observations, et. H. w.V.	/3 / knots.	tenths.	
	(Latitude by D. R.		10,	"	
Position at Noon:	Longitude by D. R.		0 ,		
1 Osition at 1100m.	Latitude by observations of O		0 ,	"	
	Longitude by chronometer from Fo	renoon Observations of O	0		
	(Latitude by burys		32 0 020	" V	
Position at 8 A. M.	Latitude by buvys Longitude by		80 0 35.	" N	
	(Latitude by		0.1	"	
Position at 8 P. M.	Latitude by Longitude by		0 /	"	
Current during the	time, knots tenths pe	r hour, setting to the			
Error of the Compa	ass by Azimuth O observed at	, ship's head	0 (
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 ,	variation used,	0 1
Error of the Compa	ass by Azimuth O observed at	, ship's head	0 /	"	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 1	variation used,	
Water expended du	ring the preceding 24 hours,		500 g	allons.	
Water disk		24 hours,	950	"	
Water remaining or	n hand fit for use at Noon,		2200	"	
Coal consumed dur	ing the preceding 24 hours,		4 tons 1520	lbs.	
Coal remaining on	hand at Noon,		132 " 1140	"	

. M.	N 24	2. N. 2 5	3014636356	b.c. 9 ci-sh-7
2		5	30/8 6464 56	" 7
3	"	" 9.5	30.13 64 65 57	" 1 1 2
4	- 4	3.4	30.14 64 65 5-7	1 14 1 1 2
5	SE	4	30.17 66 63 56	b.c " 4
6	"	, 3	30.21 65 60 54	11 11 6
7	,	_ 2	30.2266 5853	4 4 6
8		, 2	30.23 67 5452	4 4 6
9	"	, 2	30.26 66 53 57	" cu 8
10	1 .1	, 2	30, 26 66 53 57	4 4 8
11	N. H	, 2	30,29 63 52 50	" " 8
Mid.	"	" 2	30.29 63 53 50	1 " 8

under the command of Commander & Strong Sunday Jan 23 m , U. S. Navy, RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am Clear to cloudy with heavy aquallo last half. Baroquelli Jalling. At 300 live in aparter yet and furesail. Nounded at Jaleons. at 100 mm 1/4 faction, gody sails black speech. At 300 11/4 factions same bottom also at 400. 10/2 factions same bottom. Under single respectively factions. Indee single respectively factions. Stam up in the boiling the lope sails, main trysail and you topmant betayand. Stam up in the boiling the crom 400 am. to 800 am Derigat - cloudy of theating first part of watch cleaning latter fact. Very fresh to stiff begge from S. N. to (M. N. Bakorbrutte princip Sterring a coolere N. W. W. expelle 6 " which for changed course bit N. N. M. A. 6 " he's of the grapher Markin Industry sight also plants for points on nort brown and System dight broad our floort brow both first all It Sighter book brights from elect as 5 - 12". Ut 18 00 where If Markin Sondworthy sight this eighter pulcitum blog and header for it. At 4" book in & furles to peadle and weight ahead willen stam. All 5" book in South of watch and weight ahead willen stam. All 5" book in South and sugar and weight ahead willen stam. All 5" book in Jorell punant stays all and main trypail. Disting. Ar. New 42. Ar. stam 50. grow Sa am to Mexician It to the Hest. Standing in to Post Royal & Comon of free congring. At 8 20 exchanged numbers with U.S. Hashrelle unchind of Day Than af 9th with U.S. amplitude anchored of Variable anchored of Variable anchored of the came to Variable anchor of many was anchored in a firmative. At 10 th came to to Variable at 12 mark to the 12/2 manufered in affection for the consideration of the c A Comago Mice of Simbolioth (9.3 C) was relegated from confinement, terry having topical. The Shashville came up and anchow on our about quarter at 115 Meridian to 400 J.M. Mendian to 44- Me gare - Sente to stiff breezes from H. M. Commanding Oficers of the Am philips (Janville of Continued of Ousign. Jum 400 g.M. 6 800 g.M. Fair and Theasant. Moderate to light bruge Cum it of the Of the Simished surriging to Glord displaced in St. Mashoulle stord out, and anthonis of Bay It. Of the Simished surriging to Glord Surviver of Midnight. Energy Clear and Sine-Light bruge Jum 11 It. Barometer rising Lit frie dei out in boilpro Boother Sintelling and to be correct. John le glewart + xavigaror.

LOG of the United States Ship Ssea

30 Rate,

			Reading		WIND.		0		BAROMETER	TEM	PERA:	TURE.			lear bs.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. The	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 100	State of the
A. M.				Jr. W	Sr. H	3			30.29 61	57	149		b.c	ci-sh	8	
2				"	N. N. W	2			30.29 61				"	cu	6	
3				"		2			30.31 61				11	"	6	
4				S. Ex E	N. W	2			30.31 61				"	".	5	
5				J. G x C	Jr. 11	2			30.37 60				0.0		0	
6				•	"	2			30.38 60				lec-	em	3	
8				"	"	3			30.39 60				,,	"	3	
9				"	4.	2			30.40 58				"		3	
10				. !!-	N.N.E.	2			30.40 5				h	4	3	
11				N. E. X	N.E	2			30.40 50				"	"	2	
Noon.				N. dr x N	"	2,3			30.39 53	13	50		. "	"	/	
							1			1	1					

Course and distance	e made good since preceding noon by observations,	knots.	tenths.	
	Latitude by D. R.	0 ,	"	
	Longitude by D. R.	0 ,	"	
Position at Noon:	Latitude by observations of ①	0 ,	"	
	Longitude by chronometer from Forenoon Observations of ②	0 /	"	
	(Latitude by	0 ,	"	
Position at 8 A. M.	Longitude by	0 6'	"	
	(Latitude by	0 ,	"	
Position at 8 P. M.	Longitude by	0 /	"	
Current during the	time, knots tenths per hour, setting to the			
Error of the Comp.	ass by Azimuth ⊙ observed at , ship's head	0 '		
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 /	variation used,	0 '
Error of the Comp.	ass by Azimuth ⊙ observed at , ship's head	0 1	"	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 1	variation used,	
Water expended du	ring the preceding 24 hours,	500	gallons.	
Water dist	ille during the preceding 24 hours,	1100	"	
Water remaining o	n hand fit for use at Noon,	2800	"	
Coal consumed dur	ing the preceding 24 hours,	/ tons /76		
Coal remaining on	hand at Noon,	130 " 16:	20 "	

M.	N. Hx N	N.E	13	30.39 56 54 51	lec	Cu-sh-	4
2		01.0	8	30.88 58 57 53	"	"	4
3	N. H /2 St	615	3	30.39 59 57 54	"		3
4		. 6 x N	3	30.41595654	,	ei - cu	
5	4.6 /2E	6 x S	3	30.41 59 55 53	4	. 4	2
6	E.S.E		2	30.42 59 54 52	,	4	2
7	"	,	2	30.42 59 54 52		4	3
8 Flow	S.E	,	2	30.42 60 5452	"		2
9			2	30,48 63 54 51	4	"	2
10-50 swrnging	S.ExE	"	2	30.42 63 54 52	"	7	2
11-40 ebb. 1	various	п	2	30396455-54	"	-	0
lid.	N. HXN	, u	2	30.37 63 56 54	"	1	0

Commander & Strong. , U. S. Navy, , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am and buege Jum N. H. b. N. M. Barometer strady them riving. Riding to lebt current. Distilling. Ist man, USA From 400 am to 800 am
Overcast to cloudy. Light to genete N. H. bruge. Finished distilling at 600. Executer modering orders MHulu dientenant, U.S. N. Olondy and cove . Light to genete breeze Jum N. N.E and N. C. Covard part at 10th Commanday of plater of the Foot of Marially Commanding officer of the Foot of Marian Surgar Meridian to 400 9.M. Marian Surgar Cloudy and pleasant - Sente breeze Jum N.E to Ext. Of 100 Juried sail Unbent Juan and migun topmark playards and gaff whealt. Of 3's finished distilling. From How I'M to gov PM buye Jum 6x5, Barometer stravy. Fires-banker finder one boiler. Emign From 800 9M to Midnight buye Jum 6x5. Barometer Galling.
Riding to flow until 1000 to get after 11140

Examined and found to be correct.

John by Stewart Lieut o Naviguor.

LOG of the UNITED STATES Ship Essess I anchor in Port Poyal SC

					WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.			lear bs.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the
A. M.				N. H.	Exs	2			30,25	61	18	54		b.c	cu-nii	2	
2				Jr. H x N	,	3			30.31					o.c.	4	0	
3				4		2			30.31					0.C.p	11	0	
4-4	s de	vun	g to floor	1.6	Gast	2			30.31					مند	"	0	
5		0		5. E	cour	1			30.27	11	11.	60		o-cd	"	0	
7				SOXE	4	1			30.27			60		o.c.	"	0	
8				SE.		2			30.24					"/	"	0	
9				"- 0	4	2			30.24			1 .		b.c	Str-cu	1	100
10 - 40	-			SEXS	"	2			30.25					"		1	
11 /	wi	iani	e to elt	various	5.5.7	3			30.23					,	"	1	
Noon.		11			S. H	3.4			30.22	167	67	6)		"		1	
											1	-					

Course and distant	re made good since preceding noon by observations,	knots. tenths.
	[Latitude by D. R.	0 / "
	Longitude by D. R.	0 " "
Position at Noon:	Latitude by observations of O	0 "
	Longitude by chronometer from Forenoon Observations of ②	0 "
	(Latitude by	0 / "
Position at 8 A. M.	Longitude by	0 / "
	(Latitude by	0 / "
Position at 8 P. M.	Longitude by	0 / 1/
Current during the	time, knots tenths per hour, setting to the	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o variation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the C	ompass by Azimuth O observed at , ship's head	o variation used,
Water expended du	uring the preceding 24 hours,	500 gallons.
Water dist	during the preceding 24 hours,	400 "
Water remaining o	n hand fit for use at Noon,	2700 " 2 tons /60 lbs.
Coal consumed dur	ing the preceding 24 hours,	2 tons /60 lbs.
Coal remaining on	hand at Noon,	128 " 1460 "

. M.	6 21						a fu
1	1.11	S.n	14	30.17 69	7/ 70	1 6.C	cu-sh- 2
2	"	SMIS	4	30 18 71	72 71	"	" 2
3	,		3.4	30. 11 69	68 68		" 2
4	"		3.4	30. 10 69			. 4
5/ ewinging to Clark			3	30.09 69	67 67	b.c.m	1 4
6 10	S.X.E	South	2	30.07 68	66 66	"	1 2
7			2	30.06 66	66 66		en-st 7
8	4	"	3.4		65-65	T. b.c.w.m	4 8
9	"	Syrxs	4	30.06 67	65-60	- b.m	- 10
10	SEXS		4.0+	30.03 68			eu 8
11-se swinging helt.	SSE	5.7	5.6		66 66		". 17
Mid.	S. Dr.		57	30.01 69	66 66		. 7

Commander & F Strong under the command of , U. S. Navy, , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am.
Jewally overcast - Light to quite breeze from 6x5 to the East.
Passing phomers last part. Riding to left.

Motherline Motherline U.S. A From 400 am to 800 am
Overeast-Light drigge seems hour - Light airs and burger Jum
South. Riding to floor after first hour.

The T. Missing Bar falling of Meridian

Bar falling of 100 musting hight to moderate breeze Jum South to St

Bar falling Oth 100 musting at quarter after which exercise at

authority drill By order of Conday officer released from confinement

Maltoni to diely (C. f. Demysler (P. 3. C.) and N. C. Bleasert (Ja. C.) by same
authority placed chas Horn (C. B. m.) under Master at arms change to

awart Jacking of Spine - lunger the influence of intracants while on fault

C. a. Caphael (238) left the chip on one with have of absence. At 1500

commenced swenging to est tide. There were My fucken Meridian to 400 0.m Cloudy and cool-Gents to moderate breeze Jum Sit to St. S. Barometer falling by wide of Commanding Ricen Allaced A. Larding (9.30) ex prisition of confinement and confined for Alt. Longuet (9.30) for three days politary confinement on bread and water for using abusing and vile Planguege le aporter person Server checi feedin for summary court martial bon Charles Am Che B. M. and H. A. McCann S.C. + Clay. Paymaster received furly provisions as collows. 96 lb Just busi and 120 lb each f bull and vegetables. Ship riding to lb. Dellen From 400 9.M & 800 9.M heavy dev. Light to mioderate breeze Gent It w be shown after forms It w be shown after forms of the State of the fordam 1910 A Lientinant. U.S. A. From 800 9. M. to Midnight very Jush breeze from St. St. St. in aquallo increasing in Jose last how. Diriging to 18th at end of watch Moon set at 900 MOHalinant. W.S.V. Examined and found to be correct. John Witewast Just T Navigator.

LOG of the United States Ship Essea Of anchor in Port Poyal & C

32 Rate,

			Panding		WIND.		U		BAROMI	ETER.	TEM	PERAT	TURE.			lear bs.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the
A. M.				1.71	5.24	3,5			30.00	68	66	66		l.o.g	eu	8	
2				,	4	3.5			30.00		66			"	-	8	
3				"	N. J. M	34			30.09		65			"	"	8	
1				"		3.4			30.05	1-1-	-	No.		"	Cu-rhim	3	
6				55.6	N. N.	34			30.06					"	"	5-	
7				SXE	"	3.4			30.09					n	Ste	5	
8				CC 5" 5	1.5. N	4.5			30.10					11	1'	50	
9	*			S.S. 6 /2 6. Sx 6 /2 6.		4.0			30.12					4	"	7	
10	Cur	rien	in hell		Sr. dr.	4.6			30.12	66	62	58		"	"	7	
Noon.	-	1	ghett	A. S. H	"	4.6			30,10	65	64	61		"	cu	7	

Course and distant	ce made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 1	"
it is	Long tude by D. R.	0 /	"
Position at Noon:	Latitude by observations of ②		"
	Longitude by chronometer from Forenoon Observations of O	0 ,	
	(Latitude by	0 /	"
Position at 8 A. M.	Longitude by	0 /	"
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 1	"
Current during th	e time, knots tenths per hour, setting to the		
Error of the Comp	oass by Azimuth O observed at , ship's head	0 /	
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used,
Error of the Comp	bass by Azimuth O observed at , ship's head	0 /	"
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head		variation used, o
Water expended d	uring the preceding 24 hours,	500	gallons.
Water dish	during the preceding 24 hours,	600	"
Water remaining of	on hand fit for use at Noon,	2800	"
Coal consumed du	ring the preceding 24 hours,	/ tons /0	₹0 1bs.
Coal remaining on	hand at Noon,	127 " 4	20 "

P. M.	A. M. M.	1. 1. H.	40-	30.09 65-62	f.c. 01 str-cu	8
1 2	J. 2.	1 -1.07	4.5	30.09 66 66 63	b.e.m.g/ "	9
3			4.0	30.09 68 69 60	, "	9
4	"	"	3.4	. 30. 11 68 66 GUT	p. ci-sh-	7
5 (0	"	"	3	30.12 68 64 63	b.c.m "	6
6 swinging of fe	end:	"	2	30.15-68 62 62	1 "	4
7000	various	L	2	30.17 67 59 59	" "	7
8	S. E.	u	2	30 19 67 07 57	" "	5
9	"	4	3	30.1/67 56 56	1 " "	8
10	11	"	34	30.22 66 56 56	t.c.g cu	8
11/0 rwinging & L	S. 6". S	"	3.5	30.22 66 57 57	" "	10

Commander & Strong Jan 26 A , U. S. Navy, , 18 98. Commences and until 400 am

Sommences and until 400 am

Something to stiff squalls from S. H. shofting to

H. St. H. Last hour. Riding to let.

Mrs. W. Malinum

Ensign From Has am to 800 am last to diff bueze from H. M. H. A. Riding to flows last the hours. 173 Lacken Prom 8 mm & Mendian Olian burge from 11. S. At to 1. It. Basomethe rung then falling. Or 192 musliture at quarters of the which sent down light gards and speaklant make, sigger in flying get form and then cleared ship for action. Security at 112 and 194 amphibitis made general signal 2572. Meridian to 400 9 m.

Baronella steady then having Pending to the At 100 humman Court
Martial might his legally brought before the Court and such other persons
what might his legally brought before the court at court at a court
from configuration & d. Spray (9. B. C.) leakiration of configuration and
configuration for four days sollary confinement, on bread and waters Booking
of them. The buring to obey that owner of a Settle of their allows
amphities made organal the have mark for yest. Lieulenant U.S. St. From 400 9.M. to 800 0.M. Sight N. H. Lucye. From 6 to 600 swinging to flood Linkingert, W.S.A. Crom 800 9 m to Midnight. Riding to clear-and cover finite breeze with stiff equally from Midnight Bloom the flow. The Attrice Ensign John Stewart & Navigator.

			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of		lear ths.	Sea.
Hour,	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S
A. M.		E	H	N. H	N. H	3			30.20	61	49	49		b.c.	fr-cu	9	
2					4	3			3024					"	0 4	9	
3				"	. "	3			30.2 K	-				"	"	9	
4				"	4	3			3024					"	4	9	
5	0			14' 1	"	34			30.25					"	"	0	
6/	4	lood		S.G. x 6	,	3			30.30					"	"	8	
8	,			4,6.20	"	3			30.82					<i>u</i>	"	8	
9				S.E	Nout	3			30.34	50	46	46		"	1	8	
10				SE.	N.N.E	3			30.34					"	ci-gu	17	
11				56x6	," ,	2			30.33					",1	a- In	-5	
Noon.				S. E.	N. H.	2			30.3/	55	03	49		11	11	6	

Course and distant	ce made good since preceding noon by observations,	knots.		tenths.		
	(Latitude by D. R.	•	'	"		
	Longitude by D. R.	•	,	"		
Position at Noon:	Latitude by observations of ②	•	,	"		
	Longitude by chronometer from Forenoon Observations of ②	0	,	"		
	(Latitude by	0	, .	"		
Position at 8 A. M.	Longitude by	0	,	"		
	(Latitude by	0	1	"		
Position at 8 P. M.	Longitude by	o	1	"		
Current during the	e time. knots tenths per hour, setting to the					
	oass by Azimuth ⊙ observed at , ship's head	0				
	compass by Azimuth ⊙ observed at , ship's head	0		variation used,	0	
	pass by Azimuth ⊙ observed at , ship's head	0		"		
	compass by Azimuth ⊙ observed at , ship's head	0		variation used,	0	
	uring the preceding 24 hours,	50	10 8	gallons.		
Water dist		J-0	10			
	on hand fit for use at Noon,	280	0			
	ring the preceding 24 hours,	2 tons	-	lbs.		
Coal remaining on		. 125 " 4	120			

P. M. swinging h eft.	a ri.	Jr. 7	3	80.27 1553 49	b.c.m	eri-and
1	Jr. frxx	01.01	3	30.24 55- 55- 49	0.0,m	2
2		4	3	30.23 58 56 55	*	cu- 9
3	Jr. H	"	9	30, 23 58 57 57		, 7
5	,	"	3	30.255755-5-1		" 7
6	_ "	"	2	30.29 57 5450	0.	. 7
7-30 swinging to flood	GIN	,",,,	3	30.31 58 52 48	F.m	- 10
8	SEXE	N. N. dr	2	30.81 60 51 48	"	- 10
9	SE	"	1/	30.33- 594947		- 10
10	"	"	2	30.35-594745	4	- 10
Mid.	',	N. 7.	2	30.34 584) 40	"	. 10

Commander & J. Strong , U. S. Navy, , 18 98. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am Dunge. Ett tide. Of Legen ... From 400 am to 800 am

Slear and cool great buye from It. Received Such provisions

as follows 96 the flish break and is the each of buf land

vegetables. From 824 Om to Meridian
Clear-cool and pleasant-dight bruge from N. H. to N. N. E. Barometer
stady then falling Or 924 mustbed at quarters. Sint up tosgallant master again exercised appuntion at "up and down light fairls".

Just Jordan Meridian to 4 as 9. M. Clear- Gent of the Service Sunding up and down S. G. & Royal yawr. Exercised cutters under varsing up and down S. G. & Royal yawr. Exercised cutters under From How D.M. to 800 10 M. St. W. St. W. St. Slove from N. V. and N. N. Hr. Flory made at 125 Light to gentle bruge from N. V. and N. N. Hr. Flory From 800 9M to Midnight Misty. Light aire to light bruge Jum 10 Physican Train Start tide. In W. Mining John Witwart dient or Navigator.

LOG of the United States Ship Essent Toyal Se Rate,

A. M. Tenth	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	A Porce.	Heel.	Leeway.	Height in inches.			Air, Wet Balb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cl. Sky, in 10th	State of the
1 swing	wight elt.	S. H. XS	N. 21				30.38	58	47	44		2			
2		N. H	V	2					1/			4. m		10	
							30.33	56	47	44		4	-	10	
		"	,	2			30.33	56	47	44		"	-	10	
4			, "	2.3			30.33	55	45	42		04	0	10	
5		"	,,	2			30.33					b.c.m	Je-cu	8	
6			"	1			30.35					- "	"	8	
1 011	1	North.	1,	1			30.36	57	45	42		"	"	6	
7/30 yeur		5.6	u.	2			30.37	56	44	42		"	4.	4	
9		S.G.E.	4	2			30.37						"	3	
		various	,	2			30.36	53	54	52		"	ei-sti	4	
10		SEXS	"	2			30.36	54	57	48		"	"	4	
Noon.		"	"	2			30.34	57	54	51		".	,	4	1

Course and distance	e made good since preceding noon by observations,	knots. tenths.	
	(Latitude by D. R.	0 / //	
	Longitude by D. R.	0 1 11	
Position at Noon:	Latitude by observations of ①	0 / "	
	Longitude by chronometer from Forenoon Observations of ②	0 1 11	
	(Latitude by	0 1 11	
Position at 8 A. M.	Longitude by	0 1 11	
	(Latitude by	0 1 11	
Position at 8 P. M.	Longitude by	0 0 "	
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp.	ass by Azimuth ⊙ observed at , ship's head	0 .	
	ompass by Azimuth ⊙ observed at , ship's head		riation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 1 "	
Deviation of the C	ompass by Azimuth O observed at , ship's head	o / var	riation used, o
Water expended du	aring the preceding 24 hours,	Joc gallons.	
Water distil		500 "	
	n hand fit for use at Noon,	2800 "	
	ing the preceding 24 hours,	3 tons 880 lbs.	
Coal remaining on		121 " 1780 "	

a. swinging to elt	SSE	South	1	30. 29 57 58 54	b.c.m	a-gr 3
, 70	N. H.		11.	3,0. 25 57 59 55	"	" 4
	"	N. 81	2	30.25 57 58 51	,	" 3
			12	30,26 59 58 52	,,	cu-sti
5	,	,	2.	30.26 59 57 50	".	" /
6	N. Hx H		2	30.25 60 57 57	"	" /
- swinging to Plin	NSN		2	30.27 61 56 51	o.c.m	cu 0
8	SSE		2	3027 61 57 51	"	" 0
9	SEXS	"	2	3027 6257 55	-11	10
0		"	2.3	30.25-62 50-50	b.c.m	" 7
1	S. S.E	,,,	3.4	30.24 62 55 50	"	" 8
id.	"		3.4	30.24 62-54 49		" 8

Commander 6. 2 Strong under the command of , U. S. Navy, Friday Jan, 280 , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY Commencer and until 4 and am-Dellin. orsom 400 am to 800 am rising. Riding to ett tide 72° after that to flow. Of 600 starts friend under boiling to 8. Received on board in Dept. Rupplus accept volla each fuch buf + regetables and 96 lbs. beat. From 8 00 am to Meridian Cloudy dight N. H. Freye. Made preparatione to get underway M 915 called at hands of at 9th ander way anchor very foul of close out toward Sort Poyal Explance. Passed US. I describe at archor. of Bay It Otto and versed is the same to with part anchor 9th Jens, walt have bottom and verred is the fine of children fires of exparted distiller. Foicted out cleaned and walt being ship of ship out is the sort of the sin. Searings at anchor. Stang. Heller the was \$8116. - May should brought to Member. Mottaline -Meridian to 400 9m Mendian to 400 9M

Cloudy and micht Sight airs and breeze from South W. M. Planty target anchor
marking position with bury and anchord two breezes to mark course for larget
parties. By with of Commanding officer believed 8. 14 Longer to 200. Of 512 caled all
hands to mindets and bublished 8. C. M. Brocering, fortings and senting intracated on
toans whip and pentenew as followed. Charles South being intracated on
toans whip and a brown fifteen days have mounting to \$260 Hold Mome (8080) to
but reduced to the next inferior register that of Ships Cook 4 to Class and is love to
gay pay amounting to \$100. There senting when approved the laws of Jay
weng Marketfully referred to the Deoretary of the Nast. By order of Commanding
There placed Charles Hom, C. B. M. in colitary confinements to cerve out the Geot house From 4 = 9.71 to 800 9.70.

Cloude + Lazy Light N. Hily breeze at 130 Jinished swinging to flow Distilling Imperial + filled record cylinders of all gum.

O.P. tacken Sinigh From 800 P.M. to Midnight Guist hour dight to moderate bruge from M. H. Finished distilling and town to be correct. John Stewart Savigator,

LOG of the UNITED STATES Ship Essed Stranchor in Corl Royal

go Rate,

					WIND.		U		BAROMI	TER.	TEMI	PERAT	TURE.			lear the.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the S
A. M.	own	ging	Gett.	Hx N N. HxN	Jr.N. Ir	4.6			30.21	61	54	49		b.c. 9	cu	9	
2				N. Hxar		4.6			30.21	61	53	47		4	1,	9	1
3						4.5			30.23	61	53	47			,,	9	
4				"	"	4.5			30.22	59	52	47			"	8	
5					"	4.5			30.21	59	49	47		1.		8	
6				"	11	4.5			30 21	59	49	46		bec	"	8	
7				"	"	4.5			30,21	5-1	48	144		"	cir	2	
					"	34			of or		50	46		"	4	12	
8	0/1	an	·la			3.4			3		50	46		4''	4	1	
9/55	w		7.0	S.ExE	N. W	35			13		57	46		b. c. g		8	
10				various	"	3.5			ta		54	48		"	"	9	
Noon.	110		2	"	,	3.5			ma		54	48		4	,	9	1
Noon.	w u			"					Baron								

Course and distance	e made good since preceding noon by observations,		knots.		tenths.		
	(Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of ②		0	,	"		
	Longitude by chronometer from Forenoon Observations of O		0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
			0	,	"		
Position at 8 P. M.	Latitude by Longitude by		o	,	"		
Current during the							
	ass by Azimuth ⊙ observed at , ship's head		0				
	ompass by Azimuth ⊙ observed at , ship's head		0	4	variation used	1, 0	
	ass by Azimuth ⊙ observed at , ship's head		0	,	"		
	ompass by Azimuth O observed at , ship's head		0	,	variation used	, •	
	aring the preceding 24 hours,		5	00	gallons.		
Water disti			4	00	**		
	n hand fit for use at Noon,		290	10			
	ing the preceding 24 hours,	3	tons	219	0 lbs.		
Coal remaining on		117	27 tons	188	Ó		

N. Sr.E	N. H.	4	8	54	48	b.c	ci-cu	6
various	, ,,	4	aken	1	-	4	"	6
1"11	4	3	"	00		"		43
	4	-	Jana		1000	"	"	3
	Jr. Hx XV	1.2			1000	",	chinas	3
Jr. N. Vr	North	1			10000	1.	ci str	8
"	11	1				ho.m	4	8
J, C	"	1				"	1	8
"	4	1.2				4	"	8
4	"	2	30.34 63	50	46	"	"	7
	rarious J. H. W. V.	rarious It "H rarious J. Hr. Hr. J. Hr. Hr. Hr. Hr. Hr. Hr. Hr. Hr. Hr. Hr	rarious N. W sarious N. W strains L. M. Y. Y. M. M. M. M. St. M. M. M. M. M.	rations J. "H rations J. "H J. J	rarions N. H. J. range 2 N. H. M. M. M. L. 3030 65 57 N. J. H. M. M. M. L. 3031 62 53 S. C. " 1 3034 63 57 " 12 3034 63 57	rarious " 5 57 57 57 58 58 58 58 58 58 58 58 58 58 58 58 58	ranions N. W. S.	rations "" 3 "" 55 J3 "" 7 J5 J "" 7 J5

Commander & Strong under the command of , U. S. Navy, , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am line staff to Juck squath from H.A. M. Barometer steady then riving. Adding to John tell 12 after that to eth Leulinant. U.S. Sr From Has am to good am of N. H. Th. Executed morning orders at the speak files. The foreight to chain & hove in short. Underway at 180 pularing for larget practice. M. Hulme No. Nr. From 80 am to Meridian

Fair - Jentte to stiff breeze from It. It and It it sut target overbrand and sent out brake From there are one en of firing course had disappeared - replaced it. At 100 came to at former anchorage with port anchor and verew to 17 fms. At 10 f got underway and engaged in morring practice with man battery until 11 f It 11 came to near both anchor anchorage in 10 fms. with port anchor and verew to 100 fms. with port anchor The Attitums Meridian to 400 9.M Fair-Gentle to moderate buese from N.M. at 12 got, underway & engaged in moving larger mastice with main & general any batteries. With main & general any batteries with main & former anchorage and vered to 30 fms. If port chain. Distilling. of Euskin, Eneign From 400 9.M 6- 800 P.M. Oron How Clear. Light Vily airs. It 4th gat underway and close who Dork Royal Sound Commandaing of cier got the Comm. It of came have bottom to faithm chain bearings at anchor Hillon Hold Solt 18th. Meddle Strate two yet 18th 18th. Bay Point & 4th Cammaster received fresh pure some as following 1927 lb. bread, 240 lb. vegetables -/20 lbs. beef. Distilling. Hillen. breeze from S. Bahomelit rising them straight watch. Suffer and to light breeze from It. Bahomelit rising them straight watch. Woodan, WS.N. John Stewart Navigator.

LOG of the United States Ship Essea Journ Da Rate,

					WIND.				BAROM				TURE.	State of	Forms of	Clear)ths.	e Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the S
A. M.		Flo	2	S.E	Nout	2			30,34					b.c.m	cr-sh	6,	
3	15 ps	wing	mig to ell	various	,	2			30.33	61	47	4		. "	"	66	
5				N. 7/2 Sr	1.1	1			30.3/	59	47	40	1	"	"	76	
7 8	Que	ingu	og & Plus	Jr × 2r	N,E,	2 3			30.32	53	48	4	7	" " "	2 " 82	74	
9 10		1	0	S. E x E	North St. N.E.	2			30.30	-58	50	49	1	"	cu del	-2/	,
11 Noon.				6,18	Nouth	3,4			30.32	1			-	o.c.m	cu.	0	1

Course and distance made good since preceding noon by observations,	knots.		tenths.		
(Latitude by D. R.	0	,	"		
Longitude by D. R.	•	,	"		
Position at Noon: { Latitude by observations of ⊙	•	,	"		
Longitude by chronometer from Forenoon Observa-	tions of ②	,	"		
(Latitude by	0	,	"		
Position at 8 A. M. Longitude by	0	,	"		
(Latitude by	•	1	"		
Position at 8 P. M. Longitude by	0	,	, "		
Current during the time, knots tenths per hour, setting t	to the				
Error of the Compass by Azimuth O observed at , ship's head	0	,			
Deviation of the Compass by Azimuth ⊙ observed at , ship's l	head	,	variation used,	0	
Error of the Compass by Azimuth O observed at , ship's head	0	,	"		
Deviation of the Compass by Azimuth ⊙ observed at , ship's i	nead		variation used,	0	
Water expended during the preceding 24 hours,	٧.	370 8	gallons.		
Water dislitlet during the preceding 24 hours,	J.	0			
Water remaining on hand fit for use at Noon,	270	0	"		
Coal consumed during the preceding 24 hours,	2 tons	580	lbs.		
Coal remaining on hand at Noon,	115	1300	44		

M. Olm	SEXS	N. N.E	4	30,31 61 5048	o.c.m	cu	0
2	€1€	4	4	30,29 61 49 49	0. c.m. p	"	0
3	Jex V	"	28	30.27 6/48 47	0. c. m	"	0
4	N.N. W	,, ,	2	30.25-59 48 47	0"	0"	0
5	1	E.N.E	2	30,24 57 48 47	b.c.m	you cul	1. 0
6	. 4	"	2	30,24575049	o.c.m	0 ,,	6
7	Mx W.		2.8	30,23 60 50 49	11	"	0
8	Nout	"	3	30.23 60 49 49	"	cu	0
9 surious & Ily	1. various	.11	3	30.22 59 49 48	4	"	6
10	S. E x E	N.E	3	30,21 58 47 47	"	"	1
1	"	"	3	30.20 58 47 47	"	11	0
id.	SEXS	"	3	30, 19 59 47 47	o.cm. b	"	0

Commander & C. Strong Sunday Jan. 30 , U. S. Navy, under the command of , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commence und until 400 am Clack flors at 20. Distilling.

Months Suga from the North. Slack flors at 20. Distilling.

Mitable.

Dientinant, USN From 400 am to 800 am
North. Sught aire to gente bruger from N. H., NE am
North. From 800 am to Meridian Cloudy to overcast. Mily. Light to moderate breeze Jum Storth + N. E. at 10 2 musting & finspecter at quarter at 10 2 eachang ed numbers with U.S. S. tashville which stite down Jum Port Poyal 4 out to St + Et at 10 2 Nashville made S.S. Juh 5884 answered Affirmative. Distilling. O.P tackers Meridian to 400 J.m Meridian to 4 = 3.M. Devening chowere second how. Moderate to light bush from N. N. E. By order of Commanding officer released from confinement (5. B. Ogalin (9.30) expeliation of confinement and confinement of Juris (9.30) for 2 days solitary confinement on breach + water for calling another pleason of parener. Saymarler served out mobility money to crew. Distilling. Onsign From too P.M & 800 P.M. Cloudy and cove - Light to gentle breeze Jum E. V. E. Barvenett stray then Jalling slowly. Riding to ett. Dis-John Heurt - Navigator.

LOG of the UNITED STATES Ship Essea Rate,

	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND.				BAROMETER. TEMPERATURE.					lear bs.	Sea.	
Hour.					Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the S
A. M.				86	1.E	2			30.15 GO	48	48		o.c.m	cu	0	
2				6. LE	N. Y.E	2			20. 15-60	48	48		"	"	0	
3				E. N. E.	,	2			30.10 60	47	47		"		0	
5				J. Sr. Jr h Jr	Nx H	2			30. 09 61		47		"	" "	1	
7 8				N. Hx. N.	N. Hx.A.	2			30.07 58	1 /	47		b. c. m	ori-en	2	
9/		,		Sr. Fr. Or	Hist	2.3			30.08 59				"	Str-cu	2	
10	un	dern	ay	various	drist	4			30.10 59	5-1	49		4	"	4/0	
Noon.				-	"	4			30.11 59	52	57		0.C. m	"	0	

Course and distance	e made good since preceding noon by observations,	knots. tenths.
	(Latitude by D. R.	·
	Longitude by D. R.	0 / "
Position at Noon:	Latitude by observations of ②	0 1 11
	Longitude by chronometer from Forenoon Observations of O	0 / "
	(Latitude by	0 / 1/
Position at 8 A. M.	Longitude by	0 / 1/
Position at 8 P. M.	(Latitude by	0 1 11
Position at 8 P. M.	Longitude by	0 / #
Current during the	time, knots tenths per hour, setting to the	
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o variation used, o
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o variation used,
	ring the preceding 24 hours,	500 gallons.
Water disli	llw during the preceding 24 hours,	500 "
Water remaining of	hand fit for use at Noon,	2700 "
Coal consumed dur	ing the preceding 24 hours,	4 tons /280 lbs.
Coal remaining on	hand at Noon,	/// " 20 "

M. 1 at anchor	S.S. H.	W. Jr. H	5:2		30.05-58	174	57	b.c.m. 9	ou-str	6
2.30 Swinging to eft.	2. S. M	"	5:7		30.04 57			, ,	4	6
3	Hx V	"	5.6		30. 05- 61			4	4	6
4	N. 21	1. 2	5.6		30.06 61	5-7	12	"	"	6
5	"	"	5.6		30.08 61	57	52	"	4	4
6		,	5.6		30.09 61	17	57	,	4	6
7		4	5:6		30.13 63	55	50		cu	8
8	"	1,	5.6		30.16 63	14	49	4	- 41	8
9		"	5:6		30.17 62	53 4	48	1,	"	17
10 Swinging 4- Floor	A. Hx dr.	A. Hx de	5.1	1	30.19 61	57	47	011	"	8
11	SAX	"	5.7	1 200	30.21 59	49	46	b.m.g		10
fid.	SX	.,	5.7		30,22 60			6.0,	-	10

Commander E. C. Strong under the command of , U. S. Navy, , 1898. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. Commences and until 400 am rouge from N. E and N. N. E. Elt made at 332 Gro Whanga From 400 am 6-800 am
Cloudy & mist Light bruge Jum North It N. St. Eft time
at 7th brought to profe chard. Making preparations for
moving starger practice.

Making preparations for
moving From 800 am to Meridian rising at 9th got underway, anchow barget and observation brate and apprentices of formar law after Forder Division Liw with a pointer at moving practice. Expended in Ordnance Defortment, 100-6 pour cartiages! Distilling. Eneign Nom Merchan to # - 0 M.

It wish hazer around horizon - Still to very fresh breeze from it to the to the Media to the Media to the Media on world chain. Or 3 to veril to the filters, have better Rearing at anchorage. Middle Shoal luny it to Mag.) Takes to Rouse from the XXII It. (mag.) Faccioned Report garde. Receive on toward in Deht. Supplies & accto 80 february and from the and to the section of the secti Jok. Jordan, Lieutenant. U.S.N. Strom 400 PM. 6- 800 9.M biege in squalle. Fritt Bleam Lailnich at 5th Baronelie neing Motheline Limbonant U.S. N. From 800 J.M. to Midnight Stiff to very fresh breezes in squalle from It is and It by it. at 10 20 shered If I we fine, I at end riding between winds and side Des Malion Examined and found to be correct.

Objectively.

Lass Frondly. John Stewast Navigator.

